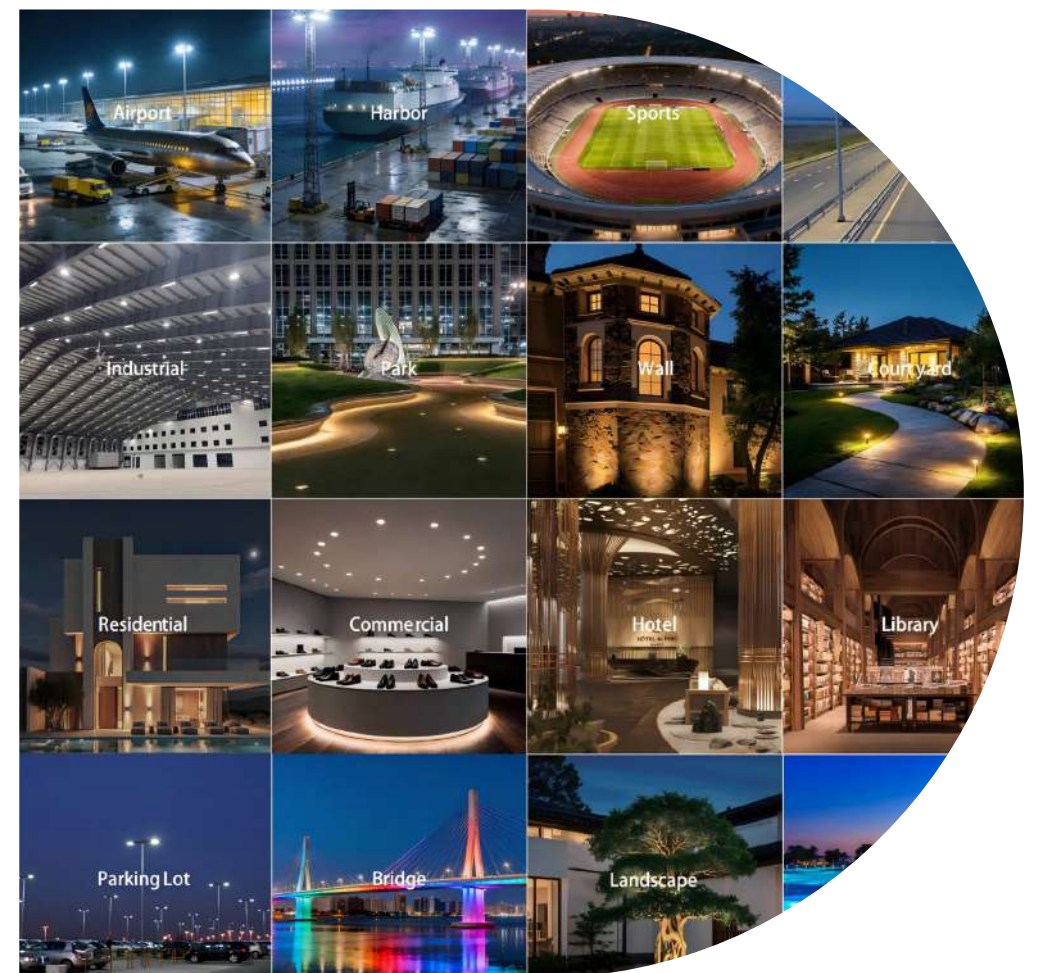




2026-2027



Industrial Estate, Eastern Ave, Cymmer,
Port Talbot SA13 3PB, United Kingdom

🌐 www.regentsled.com
✉ info@regentsled.com

📺 Regents LED
📺 Regents LED
📺 Regents LED



Code Regents

LED Chips

CREE 

PHILIPS

OSRAM

bridgelux

 **LUMILEDS**

EPISTAR

LED Drivers

 **MEAN WELL**

PHILIPS

OSRAM

TRIDONIC

inventronics

MOSO

 **LIFUD**

 **SOSEN**

Only premium components are selected.





UK Manufacturing
Based in Port Talbot, United Kingdom



Rigorous Standards
CE, TUV, DEKRA...Certified



Global Reach
Serving the lighting industry for
over 25 years

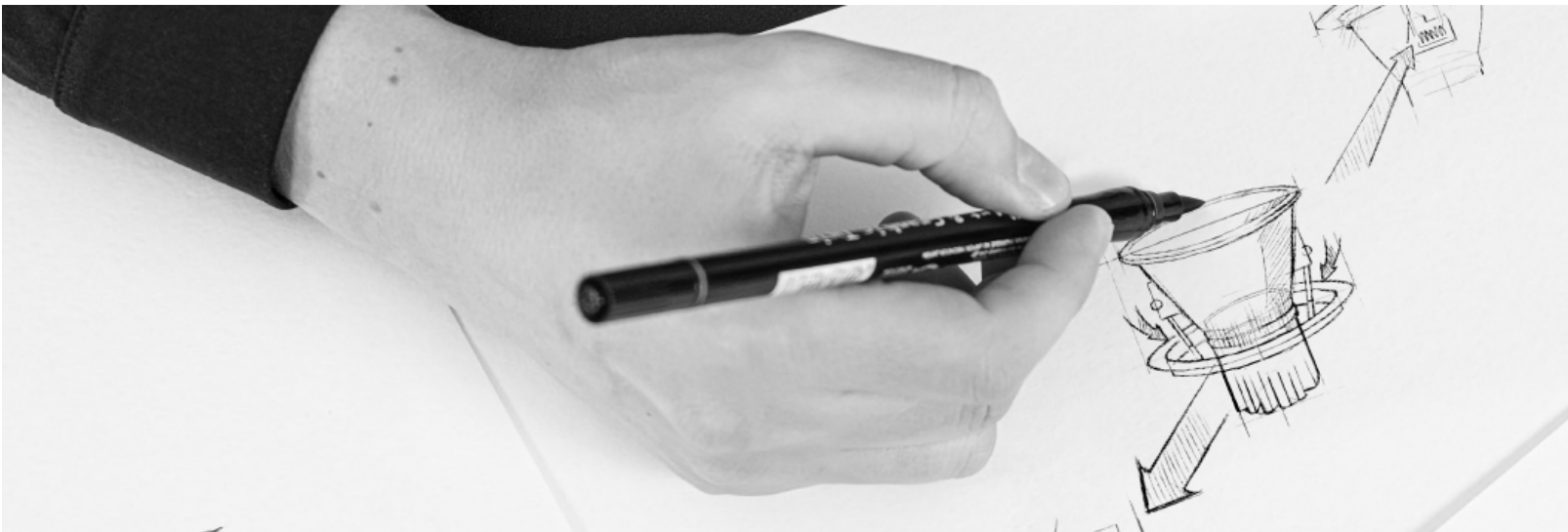
Made in the UK, Illuminating the Globe.
You will find REGENTS LED here



Lighting Landmarks Across the Globe

Over the years, REGENTS LED has successfully delivered a diverse range of lighting projects across the globe. From commercial developments to architectural landmarks, our solutions combine innovation, quality, and precision. Each project reflects our commitment to excellence, transforming spaces with tailored lighting designs that meet the unique needs of every environment.



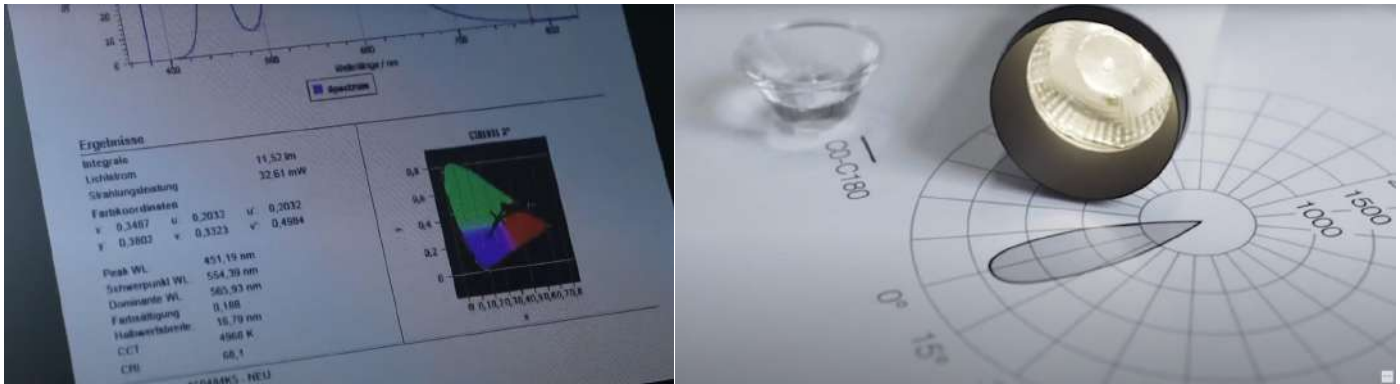


Design

Our design philosophy is rooted in user-friendliness and the pursuit of natural light. We do not just design fixtures; we design the interaction between light and space, ensuring every product meets the aesthetic and functional needs of professionals.

Technology

At REGENTS LED, we excel in technology by integrating cutting-edge innovations into every lighting solution we create. From advanced LED chips to intelligent control systems, our products are engineered for efficiency, durability, and performance. Continuous research and development enable us to deliver smart, future-ready lighting that meets the evolving demands of modern projects worldwide.

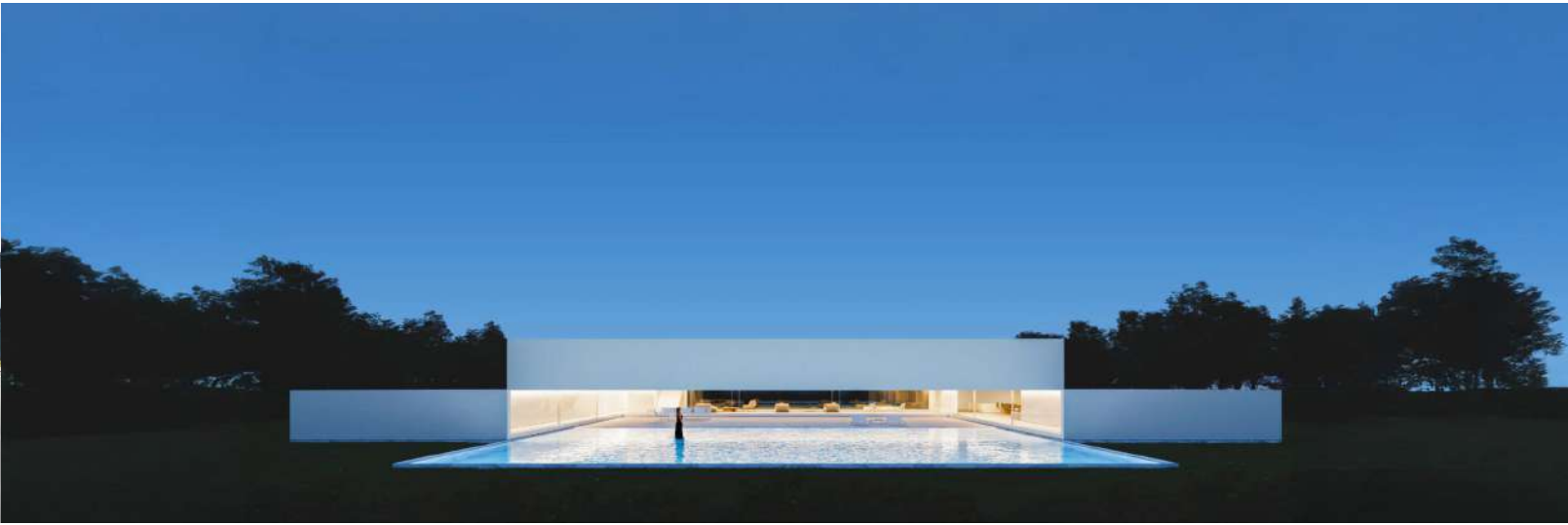




Production

Operating from our 20,000-square-foot factory in Port Talbot, United Kingdom, our workforce of over forty specialists oversees every step of the manufacturing process. From raw material selection to final assembly, we maintain rigorous control to ensure that the REGENTS LED name remains synonymous with quality.





The REGENTS LED Story

**Rooted in Expertise
Grown by Passion.**

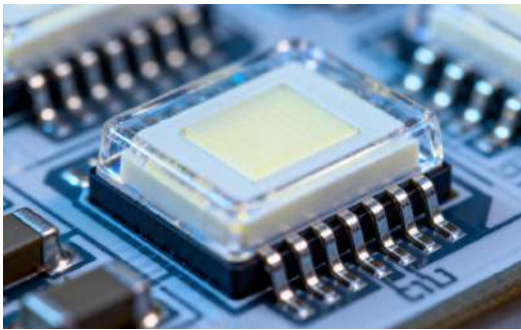
The story of REGENTS LED is one of continuous evolution. With over 30 years of combined specialized experience in the LED lighting sector, we have been a steadfast partner to the UK lighting industry and the global market for more than a quarter of a century. What began as a dedicated team of two has flourished into a robust workforce of over forty specialists. Based in our 20,000-square-foot facility in Port Talbot, United Kingdom, we have witnessed the transformation of light. Yet, our core mission remains unchanged: to provide best-in-class support and service. We are REGENTS LED, and we are proudly British.

Business System

**Success at REGENTS LED
doesn't happen by accident.**

Success at REGENTS LED doesn't happen by accident. We have a proven system for achieving it. We call it the REGENTS LED Business System (RBS), and it drives every aspect of our culture and performance. We use RBS to guide what we do, measure how well we execute, and create opportunities for continuous improvement—including enhancing RBS itself.

Fueled by REGENTS LED's Vision, Mission, and Core Values, the RBS engine drives the company through a continuous cycle of change and improvement.



Our Philosophy:
Disruptive Innovation

Beyond Illumination

At REGENTS LED, we believe light is more than just visibility—it is an experience. What we do goes beyond. Our technical team is passionate about creating meaningful LED innovations that solve real-world problems. We have deliberately chosen to focus on disruptive innovation. In our pursuit of long-lasting solutions that combine visual comfort with energy efficiency, we recognized the need to move beyond the limitations of halogen and fluorescent fixtures. By focusing exclusively on highly promising LED technology, we deliver intelligent, user-friendly designs that bring natural light into architectural spaces.



Manufacturing & Quality: The Standard of Excellence

Synonymous with Quality.

Quality is the most important aspect of LED manufacturing, and at REGENTS LED, we ensure it is synonymous with our name. Our manufacturing process is defined by strict adherence to international standards. We invest heavily in innovation and technological surveillance to stay ahead of the curve. Every product that leaves our factory is tested and certified by independent laboratories, meeting rigorous standards such as CE, TÜV, and DEKRA. This confidence allows us to offer a solid construction warranty of 3 to 5 years, providing our customers with excellent quality at competitive prices.



Global Reach: Lighting the World

Local Roots, Global Impact.

While our heart beats in the UK, our light reaches the world. REGENTS LED now operates in over 30 countries worldwide, fulfilling the diverse needs of both professionals and individual clients. Whether for indoor applications, outdoor resilience, or industrial durability, we are ready to review new or existing projects and optimize production methods to meet your specific requirements.



Project Quotation & Guidance

Professional Specification & Pricing

Every architectural project is unique. Our team provides professional selection guidance to ensure you choose the right luminaires for your specific application. Submit your project details for a comprehensive, competitive quotation tailored to your budget and technical requirements.



Lighting Design Services

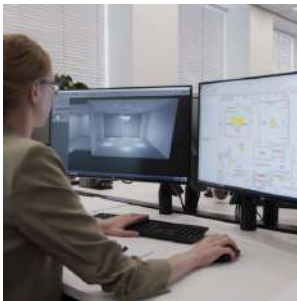
We don't just sell lights; we design light. Our design team offers comprehensive lighting planning to bring your architecture to life.

The Process:



01 Briefing

Understanding your space and visual goals.



02 Calculation

DIALux simulations to ensure lux levels and uniformity



03 Visualization

Rendering the lighting effect.



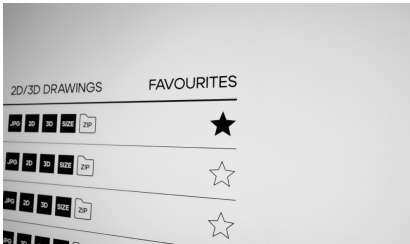
04 Proposal

Delivering a complete layout and product schedule.

How to Order

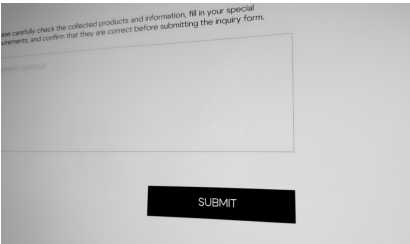
Streamlined Procurement Process

Streamlined Procurement Process. We operate on a personal consultation model to ensure accuracy.



01 Browse & Select:

Explore our products and add your preferred styles and quantities to your "Favorites".



02 Submit Request:

Add your project notes or special requirements and submit the inquiry form.



03 Personal Assistance:

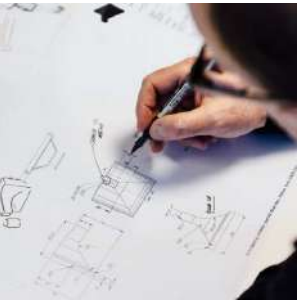
A dedicated REGENTS specialist will contact you within 24 hours to confirm details, offer optimization advice, and assist you in completing the purchase.

Bespoke Solutions

Customization

Standard products may not always fit unique architectural visions. As a manufacturer with a 20,000 sq ft factory, we have the agility to create bespoke solutions.

Customization Process:



01 Requirement

Analyze special dimensions, finishes, or optical needs.



02 Feasibility

Technical review by our R&D team.



03 Prototyping

Creation of a functional sample for approval.



04 Production

Manufacturing with rigorous quality control.

LED SPOT LIGHT

LED CABINET LIGHT

							
RL-CL6565 P021	RL-CL6566 P021	RL-CL6567 P021	RL-CL6568 P021	RL-CL6569 P021	RL-CL6570 P021	RL-CL6573 P022	RL-CL6574 P022

LED DOWN LIGHT

										
										
										
										
RL-DL1700 P061	RL-DL1701 P062	RL-DL1702 P063	RL-DL1703 P063	RL-DL1704 P065-066	RL-DL1705 P064					

LED CEILING LIGHT

				
RL-SD6015 P068	RL-CLRD-SM P069-070	RL-PNT P071-072	RL-SD6017-RD P073-074	RL-SD6017-SQ P073-074

LED PENDANT LIGHT

										
										
RL-PD6001 P077-078	RL-PD6004 P079	RL-PD6008 P080	RL-PD9010 P081-082	RL-PD9012 P083	RL-PD9014 P083	RL-PD9015 P084	RL-PD9016 P084	RL-PD9030 P085	RL-PNT-CIR P085	RL-PNT-CIR02 P086

MAGNETIC SYSTEM PRODUCTS

										
										
RL-MINILED05 P089	RL-MINILED08 P089	RL-MINILED09 P090	RL-MINILED10 P090	RL-TL1022 P091	RL-MINILED23 P091	RL-MINILED24 P092	RL-MINILED02 P092	RL-TL1026 P093	RL-TL-PNT P094	RL-TR P095

LED TRACK LIGHT

						
RL-NWTRK P099-100	RL-TR1414 P101-102	RL-TR1415 P103	RL-TR1416 P104	RL-TR1417 P105	RL-TR1418 P106	ACCESSORIES P107-108

LED LINEAR LIGHT

		
RL-LIN-SS P111-112	RL-LIN-REC P113-114	RL-LIN1200 P115-116

LED PANEL LIGHT

							
RL-PNL2684 P119-120	RL-PNL2684-SQ P121-122	RL-PNL2661 P123-124	RL-PNL2662 P125-126	RL-PNL2663 P132	RL-PNL2664 P127-128	RL-PNL2670 P129-130	RL-IPPN6331 P133-134

ANTI-BACTERIAL LIGHT FITTINGS

			
RL-ABPN2661-SM P137	RL-ABPN2661-REC P137	RL-ABPN2661 P138	RL-ABM-KPL03005 P138

LED MIRROR LIGHT

								
RL-MLSS40 P141	RL-MLSW70 P142	RL-ML30-50 P143-144	RL-ML40-60 P145	RL-ML3003 P146	RL-ML3005 P147	RL-ML3006 P148	RL-WSVL P149	RL-MLVL P150

LED STRIP LIGHT

									
RL-ST1226 P154	RL-ST1227 P153	RL-ST1229 P153	RL-ST1237 P155	RL-ST1238 P155	RL-ST1330 P153	RL-ST1331 P153	RL-ST1335 P155	RL-ST360 P156	ACCESSORIES P156

DIRECTORY

LED INDOOR WALL LIGHT



RL-WS8118
P159



RL-WS8160
P160



RL-WS8117
P161



RL-WS8299
P162



RL-RL8165
P163



RL-RL8302
P164



RL-REC-RL8166
P165



RL-REC-RL8171
P166



RL-REC-RL8125
P167



RL-REC-RL8371
P168



RL-RL8174
P169



RL-RL8175
P170



RL-RL8168
P171



RL-RLB8168
P172



RL-RL8310
P173



RL-RLB8350
P174



RL-RL8183
P176



RL-RL8184
P175

LED LAMPS



RL-SL6472
P393



RL-SL6494
P393



RL-LB2220
P394



RL-LB2212
P393



RL-LB2214
P393



RL-LB2216
P393



RL-LB2219
P393



RL-TB2612
P394

OUTDOOR WALL LIGHTS



RL-BK-RD-BLK
P179-180



RL-WL-LED-OP
P179-180



RL-BLK-DEC
P181-182



RL-ML-VL-E14
P183



RL-UPDN-01
P184



RL-UPDN-02
P185



RL-UPDN-03
P186



RL-UPDN-04
P187-188



RL-UPDN-05
P189



RL-STL-WL
P187-188



RL-WB1002
P190



RL-WL-0AA
P1991



RL-WL-0BB
P193



RL-BK-SQ-OPAL
P1925



RL-WL-DECO-MAR
P194

BULKHEAD



RL-BH3020
P197



RL-BH3021
P197



RL-BH3022
P198



RL-BH3023
P198



RL-BK-E27-GRL-001
P199



RL-BK-GRL-002
P199



RL-BK-GRL-003
P199

LED GARDEN LIGHT



RL-BL3286
P203-204



RL-BL3287
P205-206



RL-BL3288
P207-208



RL-BL3289
P209



RL-BL3290
P209



RL-BL3291
P210



RL-BL3292
P210



RL-BL3293
P211



RL-BL3294
P211



RL-BL3295
P211



RL-BL3296
P212



RL-BL3297
P212



RL-BL3298
P213



RL-BL3299
P214



RL-FL5222
P217-220



RL-FL5223
P221-224



RL-SP3010
P225-228



RL-SP3011
P229-230



RL-SP3012
P231-232



RL-SP3013
P233-234



RL-SP3014
P235-236



RL-SP3015
P237-238



RL-SP3016
P239-240



RL-SP3017
P241-242



RL-SP3018
P243-244



RL-SP3019
P243-244

LED STEP LIGHT



RL-REC-WL-01
P247-248



RL-REC-WL-02
P247-248



RL-REC-WL-03
P247-248



RL-REC-WL-04
P249



RL-REC-WL-05
P249



RL-REC-WL-06
P250



RL-REC-WL-07
P250



RL-SW2267
P251



RL-WL2649
P252

LED WALL WASHER



RL-SMWW-01
P255



RL-SMWW-02
P257



RL-WW2638
P256



RL-RECWW-01
P258



RL-BLW
P259



RL-UW3035
P260



RL-UW3036
P260



RL-UW3037
P260



RL-UW3038
P260

LED POINT LIGHT



RL-N3030
P263



RL-E3030
P264



RL-E2835
P263



RL-N3020
P264



RL-7218
P265



RL-2815
P266



RL-E2835
P265



RL-3621
P266



RL-FD-MESH
P267-268

LED INGROUND LIGHT



RL-IG1812
P271-272



RL-IG1813
P273-274



RL-IG1815
P271-272



RL-IG1817
P275



RL-IG1818
P276



RL-IG1908
P277-278



RL-IG1909
P279-280



RL-IG1910
P281-282



RL-IG2901
P283-284



RL-IG2902
P283-284



RL-IG2903
P285-286



RL-IG2904
P287-288



RL-IG2905
P289-290



RL-IG2906
P291-292



RL-IG3901
P293-294

TRI-PROOF LIGHT



RL-WP-1XT8LED
/2XT8LED
P296



RL-WP236-NW
P297



RL-WP236
P298



RL-WP258
P299



RL-WP260
P300



RL-WP261
P301



RL-EXP-WP262
P302



RL-EXP-WP263
P305



RL-EXP-WP264
P306



RL-EXP-HB5322
P307-308

LED HIGH BAY LIGHT



RL-HB5328
P311-314



RL-HB5329
P315-318



RL-HB5330
P319-322



RL-HB5331
P323-326



RL-HB5332
P327-330



RL-LINHB5330
P331-334



RL-LINHB5331
P335-338



RL-RCHB6328
P339-340



RL-RCHB6329
P341-342



RL-SMHB6329
P343-344

FLOOD LIGHT &SPORT LIGHT



RL-FL5280
P347-348



RL-SPFL5281
P349-352



RL-SPFL5288/5289
P353-356



RL-FL5329
P357-358



FL-FL5333
P359-360



FL-FL5334
P361-362



RL-FL5335
P363-368



RL-FL5336
P369-372



RL-FL5336
P373-376

LED STREET LIGHT



RL-SR2046
P379-380



RL-SR2047
P381-382



RL-SR2048
P383-384



RL-SR2049
P385-386



RL-SR2050
P387-388



RL-SR2051
P389-390

BUILT TO LAST. DESIGNED TO PERFORM

Every REGENTS LED product is crafted with precision, durability, and performance in mind. Backed by a robust 3 to 5-year warranty, our lighting solutions are designed to stand the test of time. Through strict quality control, advanced engineering, and certified manufacturing processes, we ensure that every fixture delivers consistent performance, efficiency, and lasting value



DIMMING SYSTEM DRIVER

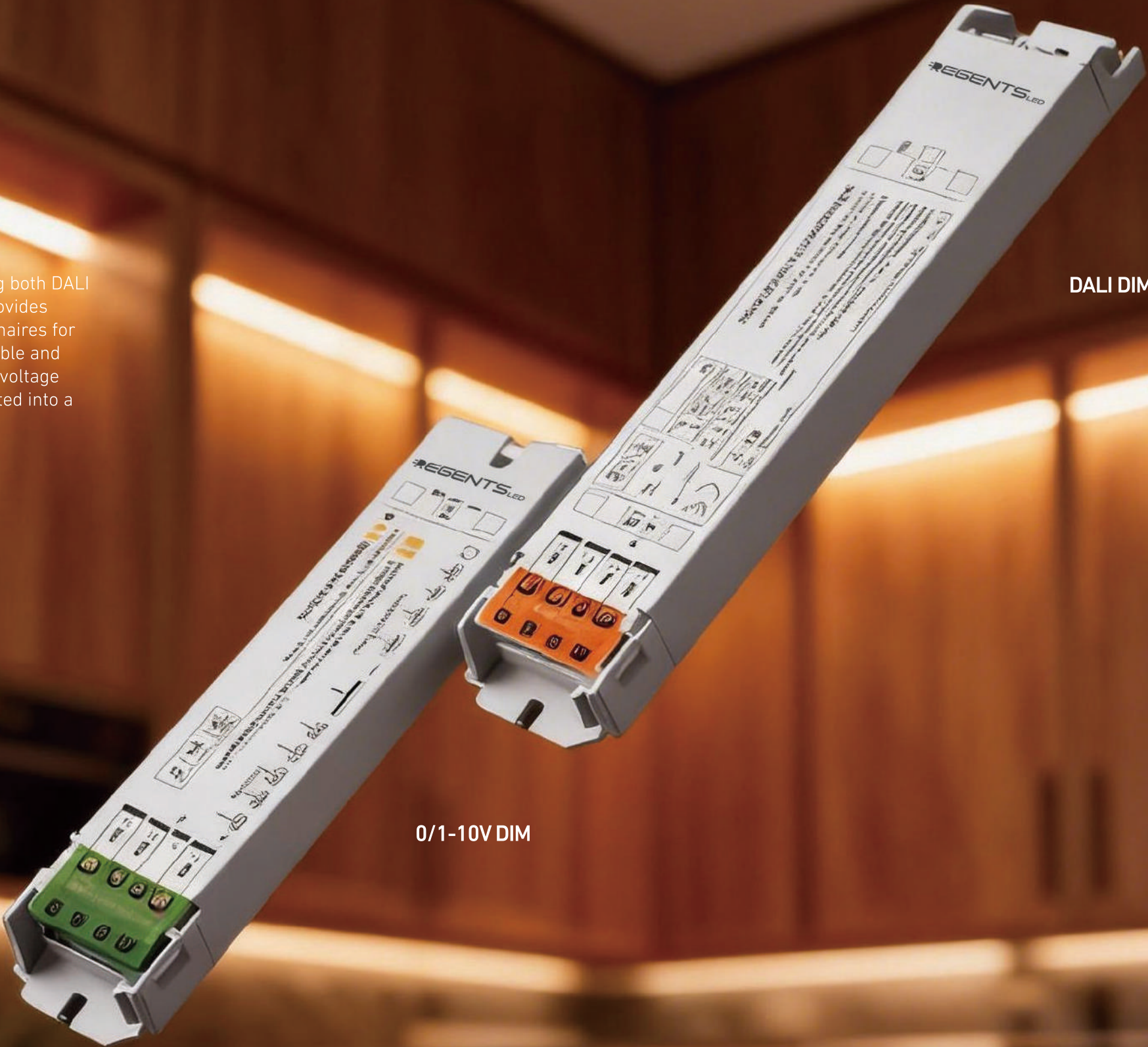
EFFICIENT LIGHTING CONTROL SOLUTIONS

At REGENTS LED, our products are designed to offer advanced lighting control, supporting both DALI dimming and 0/1–10V dimming systems. DALI (Digital Addressable Lighting Interface) provides precise, flexible, and intelligent control, allowing individual or group management of luminaires for optimized performance and energy efficiency. Meanwhile, 0/1–10V dimming offers a reliable and cost-effective analogue solution, enabling smooth brightness adjustment through simple voltage variation. Together, these options ensure our lighting solutions can be seamlessly integrated into a wide range of projects, delivering both functionality and user-friendly control.



DALI DIM

0/1-10V DIM



LED SPOT LIGHT

Professional lighting solutions



SURFACE SPOT LIGHT

RL-SDL1416/1417

5

YEARS

Warranty

IP20/44

High brightness

Easy installation

Efficient heat dissipation

LIFESPAN

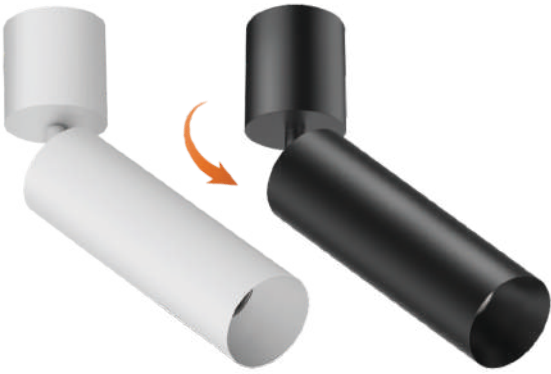
50,000H

DIMMING

0/1-10V/DALI

Parameters

Model No.	RL-SDL1416	RL-SDL1417
Power	10W	8W
Bean	16/24/36/50°	
ADJUSTABLE	YES	
DIM. OP	0-10V/1-10V/DALI	
COL. TEMP	3000K/4000K/6500K/CCT	
Size(mm)	φ62*H95	φ38*H99
LUMENS	100LM/W	
HOUSING	ALUMINIUM / PC	
COLOUR	White/Black/Silver/Brass/Bronze	
LED chip	COB	
CRI	>90	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
IP RATING	20	44
Lumen maintenance	50,000 hours	
Warranty	5 Years	



RL-SDL1417



RL-SDL1416



SURFACE SPOT LIGHT

RL-TRK7003/7004

5

YEARS

Warranty

IP20/44

High brightness

Easy installation

Efficient heat dissipation

LIFESPAN

50,000H

DIMMING

0/1-10V/DALI

Parameters

Model No.	RL-TRK7003	RL-TRK7004
Power	9W	7-10W
Bean	15/24/38°	
ADJUSTABLE	YES	
DIM. OP	0-10V/1-10V/DALI	
COL. TEMP	3000K/4000K/6500K/CCT	
Size(mm)	φ62*H95	φ62*H95
LUMENS	100LM/W	
HOUSING	ALUMINIUM / PC	
COLOUR	White/Black/Silver/Brass/Bronze	
LED chip	COB	
CRI	>90	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
IP RATING	20	44
Lumen maintenance	50,000 hours	
Warranty	5 Years	



RL-TRK7003



RL-TRK7004



Efficient heat dissipation system

Faster heat dissipation, salt field lamp life



COB chip

High brightness, energy saving and low carbon, uniform light without dark area



RECESSED SPOT LIGHT

RL-SPL2120/2125/2240/2242

5

YEARS

Warranty

IP44

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

RL-SPL2120-12W

RL-SPL2125-12W

RL-SPL2240-15W

RL-SPL2242-15W



RL-SPL2231/2238
RL-SPL2251/2515/2516

5

YEARS

Warranty

IP20/IP44/IP65

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

RL-SPL2231-RD

RL-SPL2231-SQ

RL-SPL2238

RL-SPL2251

RL-SPL2515

RL-SPL2516



Parameters

Model No.	RL-SPL2120	RL-SPL2125	RL-SPL2240	RL-SPL2242
Power	12W	12W	15W	15W
Beam	24° 36°	15° 24° 36° 50°		
COL. TEMP	2700K/3000K/4000K		3000K/4000K	
LUMENS	100LM/W			
DIM. OP	0-10V/1-10V/DALI			
ADJUSTABLE	NO		YES	
SIZE(MM)	Ø62*59	Ø62*59	Ø71*44mm	Ø71*44mm
Cut out(MM)	Ø55	Ø55	Ø65	Ø65
HOUSING	ALUMINIUM			
COLOUR	Matte brass			White
LED chip	COB			
CRI	>90			
PF	0.5			
DRIVER	INCLUDED			
VOLTAGE	220-240V			
IP RATING	IP44			
LIFE	50,000 hours			
Warranty	5 YEARS			

Parameters

Model No.	RL-SPL2231-RD			RL-SPL2231-SQ			RL-SPL2238	RL-SPL2251	RL-SPL2515	RL-SPL2516		
Power	9W	12W	15W	9W	12W	15W	7/9/12W	10W	1.5W	5W	7W	9W
Beam	15/24/36°								15/30/60°	15/24/36°		
ADJUSTABLE	YES						NO					
DIM. OP	0-10V/1-10V/DALI											
COL. TEMP	3000K/4000K/6500K/CCT											
Size(mm)	φ90*H65	φ110*H75	φ138*H95	90°90*H65	110°110*H75	138°138H95	φ82*H80	φ85°56.5	φ30*H24	φ45°H51	φ57°H56	φ70°H79
Cut out(mm)	φ75	φ95	φ120	φ75	φ95	φ120	φ75	φ75	φ25	φ40	φ50	φ60
LUMENS	100LM/W						80LM/W	100LM/W	80LM/W			
HOUSING	ALUMINIUM / ACRYLIC						ALUMINIUM	ALUMINIUM/ ACRYLIC	ALUMINIUM/ PC	ALUMINIUM / PC		
COLOUR	White/Black											
LED chip	COB								SMD	COB		
CRI	>80										>90	
PF	0.5							0.9	0.5			
DRIVER	INCLUDED											
VOLTAGE	85 - 265V						220-240V AC		100-240V			
IP RATING	IP20/44							IP65	IP20/44			
LIFE	50,000 hours						3,0000 hours					
Warranty	3/5 YEARS						3 YEARS					

RL-SPL2280/2281/2282/2283



Parameters

Model No.	RL-SPL2280		RL-SPL2281		RL-SPL2282-RD			RL-SPL2282-SQ		RL-SPL2283		
Power	1W	3W	5W	5W	5W	10W	10W	10W	10W	10W	15W	
Beam	15°		15/24/36°									
ADJUSTABLE	NO											
DIM. OP	0-10V/1-10V/DALI											
COL. TEMP	3000K/4000K/6500K/CCT									2700-6500K		
Size(mm)	φ22*H40	φ30*H40	φ45*H80	φ70*H77	φ83*H81.5	φ93*H94.5	φ109*H109.5	93*93*94.5	φ44.7/57.5/85*H73 360*72*H73	φ54.7/67.5/95*H90 223*59*H90		
Cut out(mm)	φ16-20	φ22-28	φ40	φ65	φ75	φ85	φ100	φ85	φ54/60	340*50	φ54/60	223*59
LUMENS	90LM/W		80LM/W	100LM/W					80LM/W			
HOUSING	ALUMINIUM /PC											
COLOUR	White/Black											
LED chip	COB											
CRI	>90											
PF	0.5											
DRIVER	INCLUDED											
VOLTAGE	100-240V											
IP RATING	IP20								IP20/44			
LIFE	50,000 hours											
Warranty	3 YEARS				5 YEARS							

RL-SPL2284/2285/2286/2287



Parameters

Model No.	RL-SPL2284			RL-SPL2285			RL-SPL2286			RL-SPL2287			
Power	12W		12W	18W	24W	30W	12W	18W	30W	40W	7W	12W	20W
Beam	15/24/36/50°		15/24/36/50°										
ADJUSTABLE	NO						YES						
DIM. OP	0-10V/1-10V/DALI												
COL. TEMP	3000K/4000K/6500K/CCT												
Size(mm)	φ83*80	φ85*59	φ105*71	φ130*86	φ150*93	φ90*73	φ110*87	φ135*115	φ165*143	φ65*94	φ82*98	φ105*113	
Cut out(mm)	φ75	φ75	φ95	φ125	φ140	φ75	φ95	φ125	φ150	φ55	φ75	φ95	
LUMENS	100LM/W												
HOUSING	ALUMINIUM / PC												
COLOUR	WHITE/BLACK												
LED chip	COB												
CRI	>90												
PF	0.5	0.95											
DRIVER	INCLUDED												
VOLTAGE	100-240V												
IP RATING	IP20									IP65			
LIFE	50,000 hours												
Warranty	5 YEARS												

RECESSED SPOT LIGHT

RL-SPL2288/2289/2290/2291/2294



Parameters

Model No.	RL-SPL2288			RL-SPL2289			RL-SPL2290			RL-SPL2291				RL-SPL2294		
Power	7W	12W	20W	9W	15W	30W	12W	15W	5W	7W	12W	20W	30W	7W	12W	18W
Beam	15/24/36/50°			110°	24/38°		15/24/38°		15/24/36/55°				120°			
ADJUSTABLE	YES															
DIM. OP	0-10V/1-10V/DALI															
COL. TEMP	3000K/4000K/6500K/CCT															
Size(mm)	65*65*99	85*85*106	85*85*118	105*105*124	105*105*135	115*65*99	155*85*106	155*85*118	195*105*124	195*105*135	247*89*95	247*89*106	83*110	92*140	97*140	108*124
Cut out(mm)	58*88	78*75	78*75	98*95	98*95	105*58	145*78	145*78	185*98	185*98	240*80	240*80	ø75	ø80	ø90	ø95
LUMENS	100LM/W												80LM/W			
HOUSING	ALUMINIUM / PC												ALUMINIUM /Glass			
COLOUR	WHITE/BLACK															
LED chip	COB															
CRI	>90															
PF	0.9															
DRIVER	INCLUDED															
VOLTAGE	100-240V															
IP RATING	IP20															
LIFE	50,000 hours															
Warranty	5 YEARS															

RL-SPL2295/2296/2348

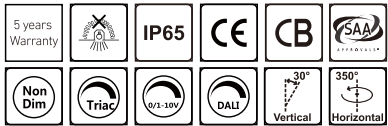


Parameters

Model No.	RL-SPL2295										RL-SPL2296				RL-SPL2348			
Power	7W	12W	15W	20W	25W	7W*2	12W*2	15W*2	20W*2	25W*2	12W*3	15W*3	15W	20W	25W	30W		
Beam	24/36°												15/24/36°					
ADJUSTABLE	YES																	
DIM. OP	0-10V/1-10V/DALI																	
COL. TEMP	3000K/4000K/6500K/CCT																	
Size(mm)	65*65*99	85*85*106	85*85*118	105*105*124	105*105*135	115*65*99	155*85*106	155*85*118	195*105*124	195*105*135	247*89*95	247*89*106	83*110	92*140	97*140	108*124		
Cut out(mm)	58*88	78*75	78*75	98*95	98*95	105*58	145*78	145*78	185*98	185*98	240*80	240*80	φ75	φ80	φ90	φ95		
LUMENS	75-80LM/W												100LM/W					
HOUSING	ALUMINIUM												ALUMINIUM /Glass					
COLOUR	White/Black																	
LED chip	COB																	
CRI	>80												>90					
PF	0.95																	
DRIVER	INCLUDED																	
VOLTAGE	220-240V AC												100-240V					
IP RATING	IP20																	
LIFE)	50,000 hours																	
Warranty	5 YEARS																	

RECESSED SPOT LIGHT

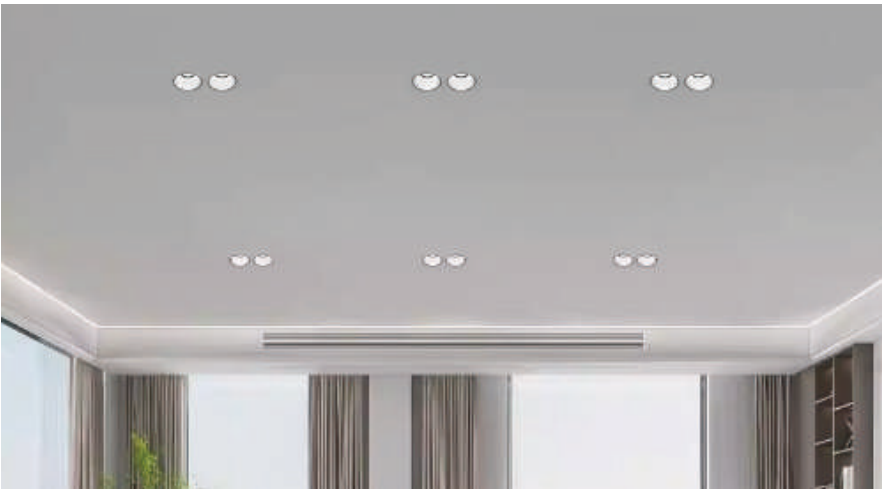
RL-SPL2349-2350



RL-SPL2349-RD RL-SPL2349-SQ



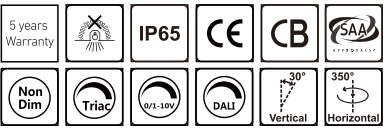
RL-SPL2350-RD RL-SPL2350-SQ



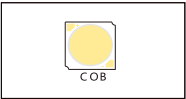
Parameters

Model No.	RL-SPL2349-RD	RL-SPL2349-SQ	RL-SPL2350-RD	RL-SPL2350-SQ
Size(mm)	φ52.9*H85 φ74.4*H110 φ91.5*H130 L126*W65*H90 L177*W87*H121 L222*W108*H142	L54*W54*H93 L74*W74*H121 L94*W94*H146 L116*W55*H93 L163*W74*W121 L204*W94*H146	φ62*H85 φ84*H110 φ105*H130 L139*W79*H90 L194*W105*H121 L239*W125*H142	L64*W64*H93 L85*W85*H120 L105*W105*H146 L130*W69*H93 L180*W90*H120 L224*W110*H146
Cut out(mm)	φ57 φ77 φ97 L128*φ67 L180*φ90 L225*φ110	L57*W55 L77*W75 L97*W95 L120*W60 L166*W80 L210*W100	φ55 φ75 φ95 L128*φ65 L180*φ95 L225*φ110	L55*W55 L75*W75 L95*W95 L120*W60 L165*W80 L210*W100
Power	8W/18W/25W/2*8W/2*18W/2*25W			
Beam	15/24/38/60°			
COL. TEMP	2700K/3000K/3500K/4000K/5000K/5700K/6000K/6500K			
DIM.OP	0-10V/1-10V/DALI			
LUMENS	70LM/W			
HOUSING	Die casting aluminum heatsink			
COLOUR	White/Black			
LED chip	COB			
CRI	>80/90			
PF	0.5/0.9			
DRIVER	INCLUDED			
VOLTAGE	100-240Vac/220-240Vac			
IP RATING	IP65			
LIFE	50,000 hours			
Warranty	5 YEARS			

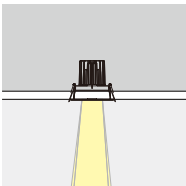
RL-SPL2351-2353



Highlight the light beads



Photometrics



RL-SPL2351



RL-SPL2352-SQ-2F



RL-SPL2352-RD



RL-SPL2352-SQ-3F



RL-SPL2353-RD



RL-SPL2353-SQ

Parameters

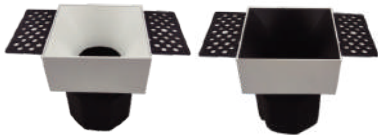
Model No.	RL-SPL2351	RL-SPL2352-RD	RL-SPL2352-SQ-2F	RL-SPL2352-SQ-3F	RL-SPL2353-RD	RL-SPL2353-SQ
Size(mm)	φ65*H76 φ83*H69 φ83*H90 φ83*H117	φ93*H85/H86 φ110*H78/H98/124 φ135*H125/140	L201*W95 *H78/H95/H124	L296*W106 *H78/H98/H124	L120*W106 *H78/H95/H124	L296*W106 *H78/H98/H124
Cut out(mm)	φ55 φ75 φ75 φ75	φ80 φ95 φ120	L195*W95	L285*W95	L95*W190	L285*W95
Power	8W/10W/15W/25W	8W/10W/15W/25W/28W/40W	2*10W/2*15W/2*28W	3*10W/3*15W/3*28W	8W/10W/15W/25W/28W/40W	
Beam	15/24/38/45/60°				15/24/38/45/60°	15/24/36/38/45/60°
COL. TEMP	2700K/3000K/3500K/4000K/5000K/5700K/6000K/6500K					
LUMENS	90LM/W		70LM/W		100LM/W	
HOUSING	Die casting aluminum heatsink					
COLOUR	White/Black					
DIM.OP	0-10V/1-10V/DALI					
LED chip	COB					
CRI	>80/90					
PF	0.5/0.9					
DRIVER	INCLUDED					
VOLTAGE	100-240Vac/220-240Vac					
IP RATING	IP65					
LIFE	50,000 hours					
Warranty	5 YEARS					

RECESSED SPOT LIGHT

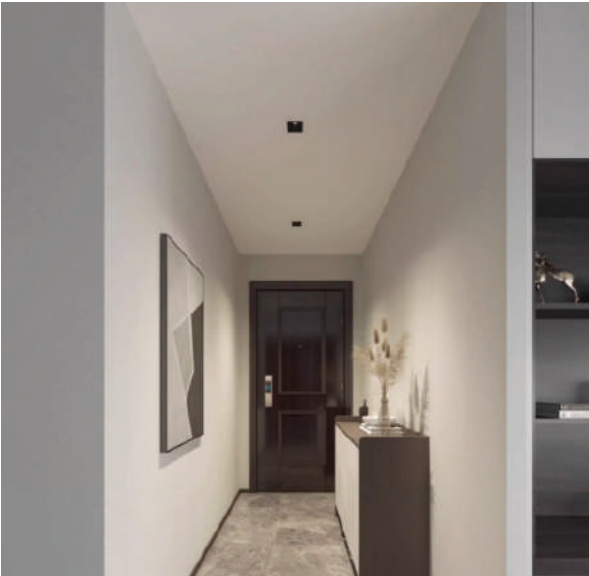
RL-SPL2354/TRL2297-2301



RL-SPL2354



RL-TRL2297



RL-TRL2298



RL-TPL2299



RL-TRL2300



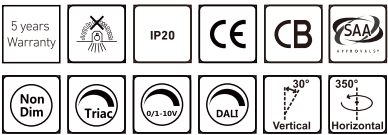
RL-TRL2301



Parameters

Model No.	RL-SPL2354				RL-TRL2297		RL-TRL2298			RL-TRL2299		RL-TRL2300		RL-TRL2301	
Power	7W	12W	20W	28W	12W	7W	12W	20W	10W/15W/20W		8W/15W		8W/15W		
Beam	15° 24°36°				15° 24° 36° 50°		15° 24° 38°			15° 24° 36°		15° 24° 36° 50°			
COL. TEMP					3000K/4000K/6500K/CCT					2700K/3000K/4000K/5000K					
LUMENS								100LM/W							
DIM. OP								0-10V/1-10V/DALI							
ADJUSTABLE					NO			YES							
SIZE(MM)	φ65*H72	φ65*H72	φ65*H72	φ65*H72	84*104*86		H85	H83	H107	120*66/134*84/150*84		134*84/150*84		φ85/φ104	
Cut out(MM)	φ55	φ75	φ95	φ115	75*75		φ65	φ85	φ105	φ67/φ85/φ105		φ85/φ105		φ75/φ95	
HOUSING				ALUMINIUM /Glass		ALUMINIUM / PC									
COLOUR								White/Black							
LED chip								COB							
CRI								>90							
PF								0.5							
DRIVER								INCLUDED							
VOLTAGE								100-240V							
IP RATING								IP20							
LIFE								50,000 hours							
Warranty								5 YEARS							

RL-TRK SERIES/RL-SPL161



RL-TRK-10W



RL-SPL161-Single head



RL-TRK-2*10W



RL-TRK-3*10W



RL-SPL161-Double headed

Parameters

Model No.	RL-TRK							RL-SPL161							
Power	10W	10W	10W	2*10W	3*10W	5W	10W	18W	25W	2*5W	2*10W	2*18W	2*25W		
Beam	15° 24°36°														
COL. TEMP	3000K/4000K/6500K/CCT														
LUMENS	90LM/W						100LM/W								
DIM. OP	0-10V/1-10V/DALI														
ADJUSTABLE	YES														
SIZE(MM)	85*85H95	φ100H95	85*85H95	L157W85H95	L230W85H95	92*92	120*120	140*140	160*160	92*180	120*230	140*270	160*312		
Cut out(MM)	75	75	75	146*75	220*75	φ75	φ95	φ115	φ150	75*155	95*200	115*250	150*300		
HOUSING	ALUMINIUM / PC														
COLOUR	White/Black														
LED chip	COB														
CRI	>90														
PF	0.5														
DRIVER	INCLUDED														
VOLTAGE	100-240V														
IP RATING	IP20														
LIFE	50,000 hours														
Warranty	5 YEARS														

RL-SPL149/150/151



Parameters

ITEM CODE	RL-SPL149	RL-SPL150	RL-SPL151-single	RL-SPL151-double	RL-SPL151-triple
Size(mm)	φ80*25	φ90*25	93*93*25	173*93*25	253*93*25
ADJUSTABLE	NO	YES			
HOUSING	ALUMINIUM	PC			
COLOUR	WHITE/BLACK/STAIN NICKLE/CHROME/ MATT GOLD/COPPER/FRENCH GOLD	WHITE/BLACK/STAIN NICKLE/CHROME/MATT GOLD/COPPER/FRENCH GOLD			
BASE			GU10/ MR16		
IP RATING			IP20		
Warranty			3 Years		

RL-SL152-RD/RL-SL152-SQ/RL-SL155/RL-SL157/RL-SP155/156



Parameters

ITEM CODE	RL-SL152-RD	RL-SL152-SQ	RL-SL155	RL-SL157	RL-SP155-AL	RL-SP156-DOUBLE		
Size(mm)	φ86*40	φ86*41	φ85*36	φ88*36	φ85*H43	173*92*H35		
Cut out(mm)	φ70-75	φ70-75	φ75±2	φ75-80	φ75	155*80		
ADJUSTABLE	NO							
HOUSING	PC				Aluminium+PC			
COLOUR	White/Black/Painted Champagne Gold Painted Matt Silver/Gole		White/White+black/White+Silver White+Champaign gold	White/White+black/White+Silver White+Rose Gold	WHITE/BLACK			
IP RATING	IP20							
Warranty	3 Years							

RL-SL170/175/RL-SPL2250
RL-GYSL/1212/2412/3612



Parameters

ITEM CODE	RL-SL170	RL-SL175	RL-SPL2250-GU10-NW	RL-GYSL-1212	RL-GYSL-2412	RL-GYSL-3612
Size(mm)	φ90*31	φ82*45	φ83	L120*W120*H60	φ130*H45 L240*W120*H60	L360*120*60mm
Cut out(mm)	φ75-80	φ75±2	φ75	L123*W123	φ133 L243*W123	L363*W123
ADJUSTABLE	NO			NO		
HOUSING	PC			GYPSUM		
COLOUR	WHITE/BLACK			WHITE		
IP RATING	IP65			IP20		
Warranty	3 Years					

RL-SPL3351/3352/3355



Parameters

ITEM CODE	RL-SPL3350	RL-SPL3351	RL-SPL3352-SQ				RL-SPL3355
Size(mm)	φ83*23	φ88*40	100*45	100*100*45	185*100*45	270*100*45	φ85
Cut out(mm)	φ65-77	φ75	φ85	85*85	165*85	255*85	φ75
ADJUSTABLE	YES						
HOUSING	ALUMINIUM	PC	ALUMINIUM				
COLOUR	WHITE/BLACK/GOLD	WHITE/BLACK/GOLD WHITE+SILVER/WHITE+BLACK /WHITE+GOLD	WHITE/BLACK/WH+BK/GOLD				WHITE/BLACK/GOLD
IP RATING	IP20,IP44		IP20				
Warranty	3 Years						

LED Cabinet light



RL-CL6565/6566/6567/6568/6569/6570

3

YEARS

Warranty

IP20/IP44

IP20/IP44

High brightness

High brightness

Easy installation

Easy installation

Efficient heat dissipation

Efficient heat dissipation

LIFESPAN

30,000H

30,000H

DIMMING

0/1-10V/DALI

0/1-10V/DALI



RL-CL6565



RL-CL6566

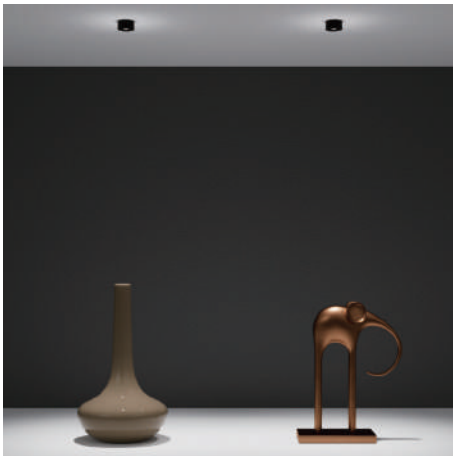
RL-CL6567



RL-CL6568

RL-CL6569

RL-CL6570



Parameters

Model No.	RL-CL6565		RL-CL6566		RL-CL6567		RL-CL6568		RL-CL6569		RL-CL6570	
Power	2W											
Beam	24°/38°											
ADJUSTABLE	NO											
DIM. OP	0-10V/1-10V/DALI											
COL. TEMP	3000K/4000K											
Size(mm)	φ44*H13	φ44*H21	φ44*H21	φ44*H21	φ34*H20	φ34*H20	φ34*H29.5	φ34*H29.5	φ34*H29.5	φ34*H29.5	φ34*H29.5	φ34*H29.5
LUMENS	131LM	132LM	132LM	111LM	132LM	132LM	132LM	132LM	132LM	112LM	112LM	112LM
HOUSING	ALUMINIUM / PC											
COLOUR	WHITE/BLACK											
LED chip	SMD											
CRI	>90											
VOLTAGE	DC 24V											
IP RATING	IP20				IP20		IP20/IP44		IP44			
LIFE	30,000 hours											
Warranty	3 YEARS											

RL-CL6573/6574

3

YEARS

Warranty

IP44/IP54

IP44/IP54

High brightness

High brightness

Easy installation

Easy installation

Efficient heat dissipation

Efficient heat dissipation

LIFESPAN

30,000H

30,000H

DIMMING

0/1-10V/DALI

0/1-10V/DALI



RL-CL6573



RL-CL6574



Parameters

Model No.	RL-CL6573		RL-CL6574	
Power			1W	
Beam			24°/38°	
ADJUSTABLE			YES	
DIM. OP			0-10V/1-10V/DALI	
COL. TEMP			3000K/4000K	
Size(mm)	φ12.5*H22		12.5*12.5*H22	
LUMENS	72LM		72LM	
HOUSING			ALUMINIUM / PC	
COLOUR			WHITE/BLACK	
LED chip			SMD	
CRI			>90	
VOLTAGE			DC 24V	
IP RATING	IP54		IP44	
LIFE			30,000 hours	
Warranty			3 YEARS	



REGENTS LED

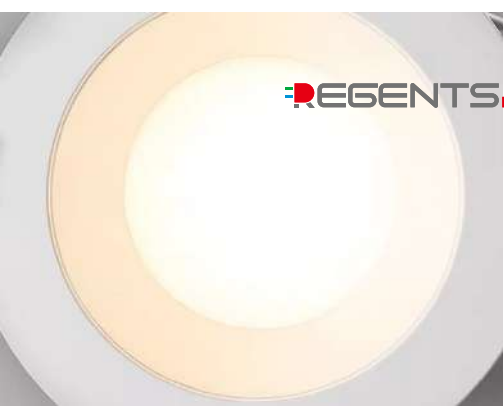
LED DOWN LIGHT Recessed Series

Deep-cup anti-glare LED downlight, featuring full-spectrum eye protection and high color rendering. With its narrow-edge design, it seamlessly integrates with the ceiling after installation, presenting a stylish and beautiful appearance.

LED DOWN LIGHT



▲ COB LED beads, high display value, high brightness, long lifespan



▲ Anti-glare spotlight



▲ Deep barrel design

RL-DL1399
LED Recessed Downlight

COB ultra-thin embedded eye protection tube lamp, with high true color reproduction rate, healthy and environmentally friendly, energy-saving, and multiple sizes to choose from.

DIMMING

0-10V/1-10V/
DALI

100Lm/W

5
YEARS

Warranty

85 - 265V

IP44

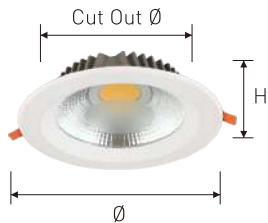
LIFESPAN

50,000H

Good Heat
Dissipation

CCT
switchable

Size



Parameters

Model No.	RL-DL1399			
Power	10W	15W	20W	30W/35W
Size(MM)	Ø120*H45	Ø165*H55	Ø195*H60	Ø225*H60
Cut Out (mm)	Ø110	Ø140	Ø170	Ø200
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium			
Diffuser	Centre Frosted Acrylic			
Colour	White			
Chip	COB			
CRI	> 80			
PF	0.5		0.95	
Driver	Included			
Voltage	85 - 265V			
IP Rating	IP44			
Life	50000 hours			
Warranty	5 Years			

RL-DL1499
LED Recessed Downlight

Deep anti-glare downlight, without dark slots or visible flicker, utilizes a high-brightness LED SMD light source, delivering delicate and uniform light for a comfortable visual experience.

DIMMING

0-10V/1-10V/
DALI

80Lm/W

3
YEARS

Warranty

100-240V

IP44

LIFESPAN

30,000H

Good Heat
Dissipation

CCT
switchable

Size



Parameters

Model No.	RL-DL1499			
Power	10W	15W	25W	35W
Size(MM)	Ø105*60	Ø130*68	Ø185*93	Ø210*98
Cut Out (mm)	Ø95	Ø120	Ø178	Ø205
Lumens	80LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Diffuser	OPAL PC			
Colour	White			
Chip	SMD			
CRI	>80			
PF	0.5		0.95	
Driver	Included			
Voltage	100-240V			
IP Rating	IP44			
Life	30000 hours			
Warranty	3 Years			



▲ COB LED beads, high display value, high brightness, long lifespan.



▲ Die-cast aluminum has excellent heat dissipation performance and a longer service life.

RL-DL1500
LED Recessed Downlight

Deep tube anti-glare, IP65 waterproof, flicker-free visible to human eyes, optional light color, high color rendering index. Suitable for various indoor and outdoor scenarios.

DIMMING

0-10V/1-10V/
DALI

100Lm/W

5
YEARS
Warranty

220-240V AC

IP65

50,000H

Good Heat
Dissipation

CCT
switchable

Parameters

Model No.	RL-DL1500			
Power	20W	30W	40W	50W
Size(MM)	Ø135*H80	Ø170*H100	Ø195*H105	Ø220*H130
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White			
Chip	COB			
CRI	>80			
PF	0.9			
Driver	Included			
Voltage	220-240V AC			
IP Rating	IP65			
Life	50000 hours			
Warranty	5 Years			



Size



RL-DL1510
LED Recessed Downlight

Deep tube anti-glare design, with a built-in anti-glare design for the light source, effectively absorbs light to achieve anti-glare effects.

DIMMING

0-10V/1-10V/
DALI

100Lm/W

5
YEARS
Warranty

100-240V

IP20

50,000H

Good Heat
Dissipation

CCT
switchable



▲ Back side



▲ Square style

Colour



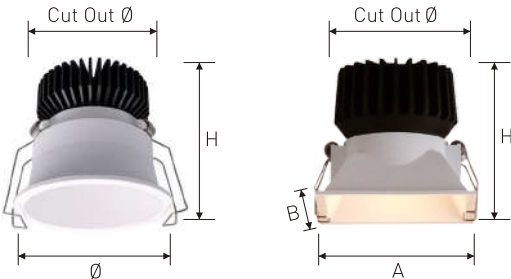
▲ Black

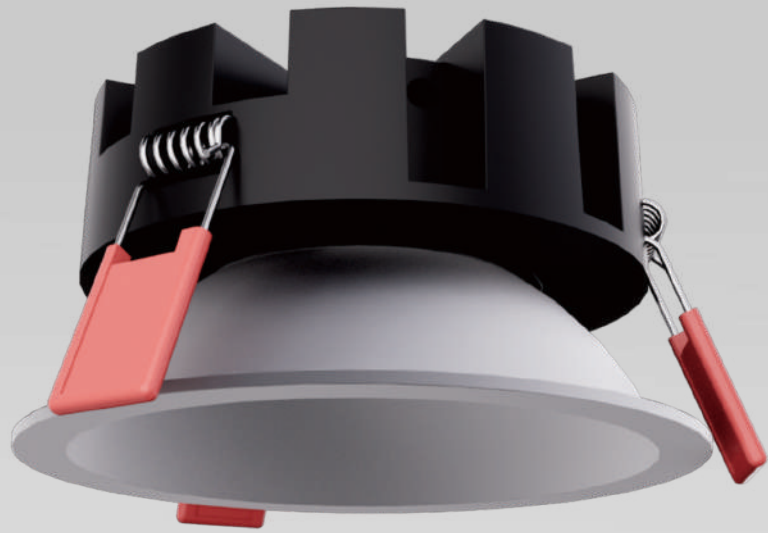
▲ White

Parameters

Model No.	RL-DL1510			
Power	7W	12W	12W	20W
Size(MM)	Ø65*H70	90*90*H70	Ø85*75	Ø105*97
Cut Out (mm)	Ø55	75*75	Ø75	Ø95
Beam Angle	15° 24°36°			
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium /Glass			
Diffuser	Glass			
Colour	White/ Black			
Chip	COB			
CRI	>90			
PF	0.5	0.5	0.5	0.9
Driver	Included			
Voltage	100-240V			
IP Rating	IP20			
Life	50000 hours			
Warranty	5 Years			

Size





RL-DL1599-SERIES
LED Recessed Downlight

With its ultra-thin body, it can be used with both high and low ceilings; the light is bright and soft, suitable for various scenarios, and enhances the spatial hierarchy.

DIMMING

0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP44

50,000H

Good Heat
Dissipation

CCT
switchable



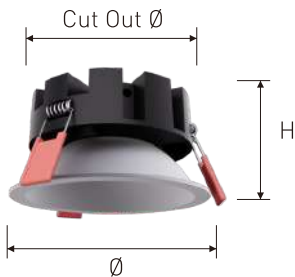
Parameters

Model No.	RL-DL1599-SERIES		
Power	7W	12W	18W
Size(MM)	Ø62*H45	Ø80*H48	Ø95*H49
Cut Out (mm)	Ø55	Ø75	Ø85
Beam Angle	20° 40° 60°		
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	COB		
CRI	>90		
PF	0.5	0.95	0.95
Driver	Included		
Voltage	100-240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	5 Years		



Used for hotel, lobby, villa, luxury house and homedecoration lighting

Size



RL-DL1601 SERIES
LED Recessed Downlight

Professional level design for waterproofing and anti fog. Effectively waterproof, dustproof, and anti fog, suitable for indoor humid places such as kitchens, bathrooms, hotels, and bathhouses.

DIMMING

0-10V/1-10V/
DALI

80Lm/W

Warranty

100-240V

IP65

50,000H

Good Heat
Dissipation

CCT
switchable

Parameters

Model No.	RL-DL1601-SERIES	
Power	7W/10W	15W
Size(MM)	Ø85×H50	Ø103×H50
Cut Out (mm)	Ø75	Ø95
Beam Angle	110°	
Lumens	80LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
DIM. OP	0-10V/1-10V/DALI	
Adjustable	NO	
Material	Aluminium / PC	
Diffuser	PC	
Colour	White/ Black	
Chip	SMD	
CRI	>80	
PF	0.5	0.95
Driver	Included	
Voltage	100-240V	
IP Rating	IP65	
Life	50000 hours	
Warranty	5 Years	



Size





RL-DL1602 SERIES
LED Recessed Downlight

High power engineering tube light,
All aluminum radiator,Integrated die-casting,
And large surface heat conduction,Ensure a long lifespan for the lamp.

- DIMMING
0-10V/1-10V/
DALI
- 80Lm/W
- 5
YEARS
Warranty
- 100-240V
- IP44
- LIFESPAN
50,000H
- Good Heat
Dissipation
- CCT
switchable



▲ Type A frosted glass



▲ Type B transparent glass



▲ Type C Frosted Glass

Parameters

Model No.	RL-DL1602 SERIES				
Power	10W	15W	24W	40W	60W
Size(MM)	Ø110*65	Ø135*72	Ø160*75	Ø185*107	Ø240*127
Cut Out (mm)	Ø95	Ø110	Ø130	Ø165	Ø200
Lumens	80LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
Beam Angle	110°				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium / Glass				
Diffuser	Glass				
Colour	White				
Chip	SMD				
CRI	>80				
PF	0.5	0.5	0.95	0.95	0.95
Driver	Included				
Voltage	100-240V				
IP Rating	IP44				
Life	50000 hours				
Warranty	5 Years				

Size



RL-DL1603 SERIES
LED Recessed Downlight

High power anti glare tube light with deep cup
embedded designThickened aluminum integral forged plate radiator,
Efficient heat dissipation, effectively extending service life.

- DIMMING
0-10V/1-10V/
DALI
- 100Lm/W
- 5
YEARS
Warranty
- 100-240V
- IP44
- LIFESPAN
50,000H
- Good Heat
Dissipation
- CCT
switchable



▲ Deep cup design

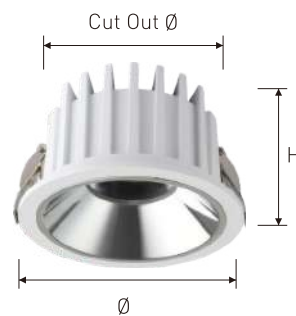


▲ Die-cast aluminum radiator

Parameters

Model No.	RL-DL1603 SERIES					
Power	7-10W	12-18W	20-25W	30-35W	40-45W	50-55W
Size(MM)	Ø85*H49.5	Ø110*H67	Ø135*H81	Ø160H96	Ø185*H109	Ø215*H130
Cut Out (mm)	Ø75	Ø95	Ø120	Ø140	Ø160	Ø190
Lumens	100LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
Beam Angle	24° 36° 60°					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	NO					
Material	Aluminium / PC					
Diffuser	PC					
Colour	White/ Black					
Chip	COB					
CRI	>90					
PF	0.5	0.5	0.95	0.95	0.95	0.95
Driver	Included					
Voltage	100-240V					
IP Rating	IP44					
Life	50000 hours					
Warranty	5 Years					

Size





RL-DL1604 SERIES
LED Recessed Downlight

Deep cup anti glare design, available in black and white cups,
The white cup provides a brighter visual effect,
And the black light cup absorbs a large amount of stray light,
Provide better anti glare performance(The brightness decreases by about 5%).

DIMMING
0-10V/1-10V/
DALI

100Lm/W

5
YEARS
Warranty

100-240V

IP44

LIFESPAN
50,000H

Good Heat
Dissipation

CCT
switchable



▲ White style



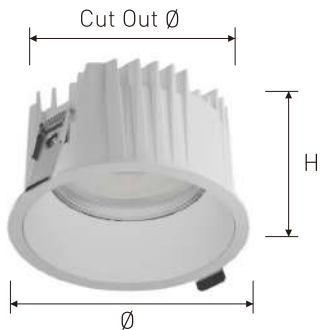
▲ Thermal design

Parameters

Model No.	RL-DL1604 SERIES			
Power	15W	20W	25W	35W
Size(MM)	Ø105*70	Ø131*75	Ø160*80	Ø182*90
Cut Out (mm)	Ø95	Ø105	Ø145	Ø165
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
Beam Angle	20° 40° 60°			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Diffuser	PC			
Colour	White/ Black			
Chip	COB			
CRI	>90			
PF	0.5	0.95	0.95	0.95
Driver	Included			
Voltage	100-240V			
IP Rating	IP44			
Life	50000 hours			
Warranty	5 Years			



Size



RL-DL1605 SERIES
LED Recessed Downlight

High-end LED embedded waterproof downlight,
featuring a deep cup design for anti-glare and eye protection.
Ideal for bathrooms, kitchens, balconies,
and commercial spaces requiring moisture-resistant and fog-proof lighting.

DIMMING
0-10V/1-10V/
DALI

100Lm/W

5
YEARS
Warranty

100-240V

IP65

LIFESPAN
50,000H

Good Heat
Dissipation

CCT
switchable



▲ Deep cup design



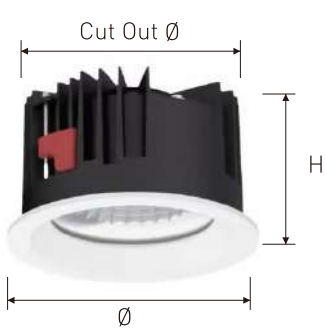
▲ Die-cast aluminum radiator

Parameters

Model No.	RL-DL1605 SERIES					
Power	10W	15W	24W	30W	35W	40W
Size(MM)	Ø88*H62	Ø110*H74	Ø142*H86	Ø164*H98	Ø191*H110	Ø208*H122
Cut Out (mm)	Ø75	Ø95	Ø125	Ø145	Ø170	Ø185
Lumens	100LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
Beam Angle	20° 40° 60°					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	NO					
Material	Aluminium / PC					
Diffuser	PC					
Colour	White/ Black					
Chip	COB					
CRI	>90					
PF	0.5	0.5	0.95	0.95	0.95	0.95
Driver	Included					
Voltage	100-240V					
IP Rating	IP65					
Life	50000 hours					
Warranty	5 Years					



Size





RL-DL1606 SERIES
LED Recessed Downlight

Deep-cup anti-glare LED downlight, featuring full-spectrum eye protection and high color rendering. With its narrow-edge design, it seamlessly integrates with the ceiling after installation, presenting a stylish and beautiful appearance.

- 

DIMMING

0-10V/1-10V/
DALI
- 

75-80LM/W
- 

5
YEARS
Warranty
- 

220-240V
- 

IP20
- 

50,000H
- 

Good Heat
Dissipation
- 

CCT
switchable



▲ Die-cast aluminum radiator

Parameters

Model No.	RL-DL1606-SERIES		
Power	7W	12W	18W
Size(MM)	Ø62*59	Ø85*65	Ø105*72
Cut Out (mm)	Ø55	Ø75	Ø95
Beam Angle	60°		
Lumens	75-80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	SMD		
CRI	80		
PF	0.5	0.5	0.95
Driver	Included		
Voltage	220-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



Size



RL-DL1607 SERIES
LED Recessed Downlight

Embedded downlight, deep tube anti-glare, narrow edge design, high color rendering performance, no visible screen flicker. All-aluminum heat dissipation, effectively extending service life.

- 

DIMMING

0-10V/1-10V/
DALI
- 

75-80LM/W
- 

5
YEARS
Warranty
- 

220-240V
- 

IP20
- 

50,000H
- 

Good Heat
Dissipation
- 

CCT
switchable



Parameters

Model No.	RL-DL1607-SERIES		
Power	9W	12W	16W
Size(MM)	Ø82*H43	Ø103*H50	Ø133*H55
Cut Out (mm)	Ø55	Ø75	Ø95
Beam Angle	60°		
Lumens	75-80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	SMD		
CRI	80		
PF	0.5	0.5	0.95
Driver	Included		
Voltage	220-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



Size





RL-SQDL5500-SERIES
LED Recessed Downlight

Anti glare deep tube square tube lamp,Seeing light but not light source,
Die cast aluminum lamp body,
with strong heat dissipation ability and long service life.
The direction of the lamp head can be adjusted.



DIMMING

0-10V/1-10V/
DALI



75-80LM/W



5
YEARS
Warranty



220-240V



IP20



LIFESPAN

50,000H



Good Heat
Dissipation



CCT
switchable



▲ Back side



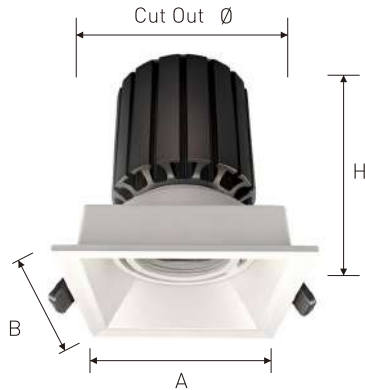
▲ Die-cast aluminum radiator

Parameters

Model No.	RL-SQDL5500-SERIES		
Power	10W	18W	28W
Size(MM)	Ø70*70*99	Ø90*90*108	Ø110*110*130
Cut Out (mm)	60*60	80*80	100*100
Beam Angle	15° 24°36°		
Lumens	75-80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	COB		
CRI	80		
PF	0.95		
Driver	Included		
Voltage	220-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



Size



RL-SQDL5503-SERIES
LED Recessed Downlight

The embedded anti-glare eye-protection downlight
features a high-quality aluminum body that is die-cast in one piece,
ensuring efficient heat dissipation and enhanced safety.
available in black and white options.



DIMMING

0-10V/1-10V/
DALI



100LM/W



5
YEARS
Warranty



220-240V



IP65



LIFESPAN

50,000H



Good Heat
Dissipation



CCT
switchable



▲ Soft lighting, anti-glare and not dazzling



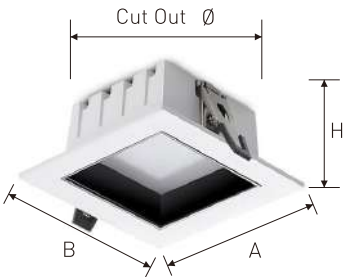
▲ Aluminum lamp body, efficient heat dissipation

Parameters

Model No.	RL-SQDL5503-SERIES					
Power	7W	12W	15W	18W	24W	30W
Size(MM)	100*100*H45	120*120*H45	150*150*H45	175*175*H50	197*197*H50	230*230*H50
Cut Out (mm)	Ø75*75	90*90	120*120	140*140	160*160	190*190
Lumens	100LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
Beam Angle	120°					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	NO					
Material	Aluminium / PC					
Diffuser	PC					
Colour	White/ Black					
Chip	SMD					
CRI	>90					
PF	0.5	0.5	0.95	0.95	0.95	0.95
Driver	Included					
Voltage	100-240V					
IP Rating	IP65					
Life	50000 hours					
Warranty	5 Years					



Size





RL-DL3329-RD-SERIES
LED Recessed Downlight

With a deep-tube anti-glare design and wide-angle illumination, it ensures that the light is visible but the lamp is not, making it suitable for various places. The lampshade is available in frosted white or frosted black.

DIMMING
0-10V/1-10V/
DALI

100LM/W

5
YEARS
Warranty

100-240V

IP44

LIFESPAN
50,000H

Good Heat
Dissipation

CCT
switchable



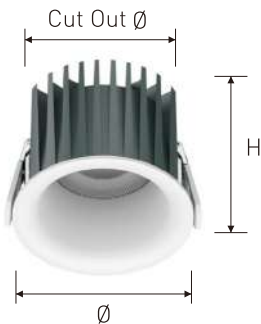
▲ Back side

Parameters

Model No.	RL-DL3329-RD-SERIES				
Power	15W	20W	30W	40W	50W
Size(MM)	Ø83*65	Ø103*70	Ø132*75	Ø160*80	Ø180*85
Cut Out (mm)	Ø75	Ø95	Ø125	Ø145	Ø165
Beam Angle	20° 40° 60°				
Lumens	100LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium /PC				
Diffuser	PC				
Colour	White/ Black				
Chip	COB				
CRI	>90				
PF	0.5	0.95	0.95	0.95	0.95
Driver	Included				
Voltage	100-240V				
IP Rating	IP44				
Life	50000 hours				
Warranty	5 Years				



Size



RL-DL3329-SQ-SERIES
LED Recessed Downlight

With a deep-tube anti-glare design and wide-angle illumination, it ensures that the light is visible but the lamp is not, making it suitable for various places. The lamp cup comes in black and white, with options for frosted or glossy finish.

DIMMING
0-10V/1-10V/
DALI

100LM/W

5
YEARS
Warranty

100-240V

IP65

LIFESPAN
50,000H

Good Heat
Dissipation

CCT
switchable



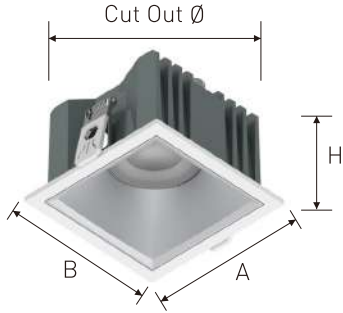
▲ Back side

Parameters

Model No.	RL-DL3329-SQ-SERIES				
Power	15W	20W	30W	40W	50W
Size(MM)	90*90*60	110*110*70	145*145*75	165*165*85	185*185*92
Cut Out (mm)	75*75	95*95	125*125	145*145	165*165
Beam Angle	20° 40° 60°				
Lumens	100LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium /PC				
Diffuser	PC				
Colour	White/ Black				
Chip	COB				
CRI	>90				
PF	0.5	0.95	0.95	0.95	0.95
Driver	Included				
Voltage	100-240V				
IP Rating	IP65				
Life	50000 hours				
Warranty	5 Years				



Size





RL-DL3330-SERIES
LED Recessed Downlight

Deep-cup anti-glare COB downlight, featuring a narrow-edge design, is fashionable and simple, with only light visible and no visible light source. The aluminum lamp body ensures strong heat dissipation and a long service life.

DIMMING
0-10V/1-10V/
DALI

100LM/W

5
YEARS
Warranty

100-240V

IP20

LIFESPAN
50,000H

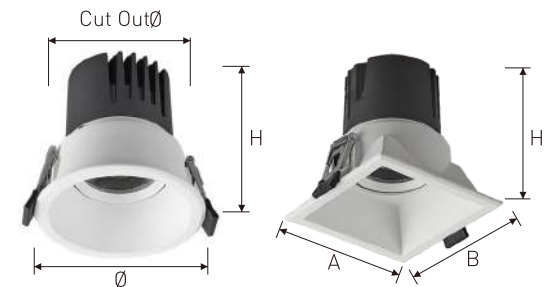
Good Heat
Dissipation

CCT
switchable

Parameters

Model No.	RL-DL3330-SERIES-RD			RL-DL3330-SERIES-SQ
Power	7W	12W	20W	12W
Size(MM)	Ø64*H73	Ø85*H91	Ø105*H120	85*85*H120
Cut Out (mm)	Ø55	Ø75	Ø95	75*75
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
Beam Angle	15° 24° 36°55°			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	YES			
Material	Aluminium / PC			
Diffuser	PC			
Colour	White/ Black			
Chip	COB			
CRI	>90			
PF	0.5	0.5	0.95	0.5
Driver	Included			
Voltage	100-240V			
IP Rating	IP20			
Life	50000 hours			
Warranty	5 Years			

Size



RL-DL3331-SERIES
LED Recessed Downlight

The deep cup design prevents glare and protects eyesight; the wide illumination angle provides brighter and more uniform lighting. The integrated curved surface appearance creates a minimalist ceiling, enhancing the elegance of the space.

DIMMING
0-10V/1-10V/
DALI

100LM/W

5
YEARS
Warranty

100-240V

IP44

LIFESPAN
50,000H

Good Heat
Dissipation

CCT
switchable

▲ Deep cup design

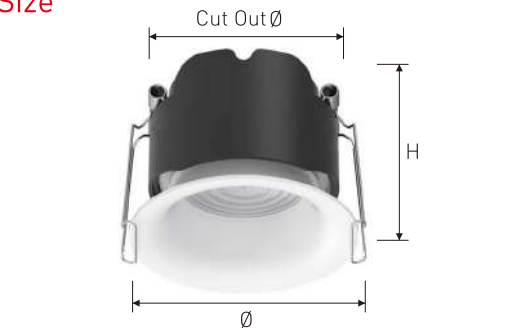


▲ Die-cast aluminum radiator

Parameters

Model No.	RL-DL3331-SERIES		
Power	15W	20W	30W
Size(MM)	Ø109*H67	Ø125*88mm	Ø158*80mm
Cut Out (mm)	Ø100	Ø115	Ø145
Beam Angle	20° 40° 60°		
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	COB		
CRI	>90		
PF	0.5	0.95	0.95
Driver	Included		
Voltage	100-240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	5 Years		

Size





RL-DL3332-SERIES
LED Recessed Downlight

The deep cup design prevents glare, and the lamp head direction is adjustable, allowing you to adjust the illumination direction as needed. The die-cast aluminum lamp body ensures efficient heat dissipation.



Parameters

Model No.	RL-DL3332-SERIES
Power	12W
Size(MM)	Ø82*H82
Cut Out (mm)	Ø75
Beam Angle	15° 24° 36°55°
Lumens	100LM/W
COL. TEMP	3000K/4000K/6500K/CCT
DIM. OP	0-10V/1-10V/DALI
Adjustable	YES
Material	Aluminium / PC
Diffuser	PC
Colour	White/ Black
Chip	COB
CRI	>90
PF	0.5
Driver	Included
Voltage	100-240V
IP Rating	IP20
Life	50000 hours
Warranty	5 Years

Size



RL-DL3333-SERIES
LED Recessed Downlight

Embedded downlight, super deep cup design, double anti-glare; narrow edge design, seamlessly integrated into the ceiling, truly achieving the effect of seeing the light without seeing the light source.



Size



Model No.	RL-DL3333-SERIES		
Power	8W	12W	20W
Size(MM)	Ø62*H75mm	Ø82*H87mm	Ø105*H100mm
Cut Out (mm)	Ø55	Ø75	Ø95
Beam Angle	20° 40° 60°		
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Diffuser	PC		
Colour	White/ Black		
Chip	COB		
CRI	>90		
PF	0.5	0.5	0.95
Driver	Included		
Voltage	100-240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	5 Years		



REGENTS LED

LED DOWN LIGHT

Surface Series

High-brightness COB surface-mounted downlight, no need for hole drilling, easy to install, suitable for commercial lighting projects such as shopping malls, hotels, restaurants, etc.



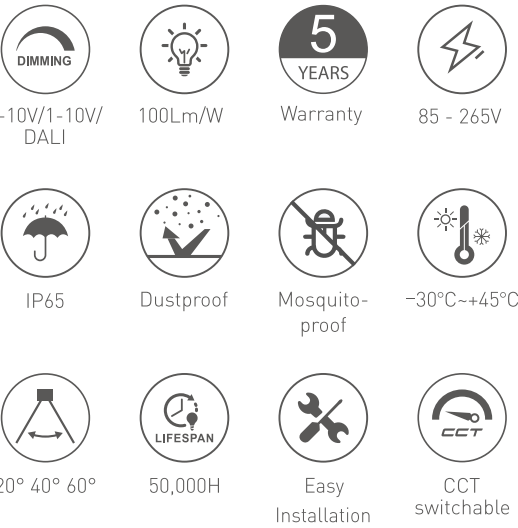
RL-DL1410
LED Surface Downlight

The lamp body is made of aluminum, with a frosted paint finish and a lens for anti-glare and light control. It is suitable for use in various settings such as airports, high-speed rail stations, office buildings, and large commercial properties.

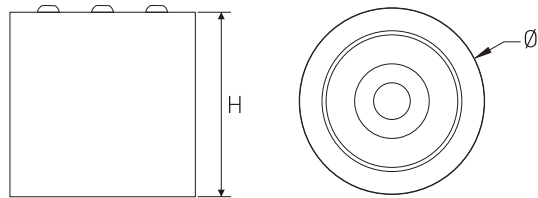


Parameters

Model No.	RL-DL1410			
Power	20W	30W	40W	50W
Size(MM)	Ø125×H115	Ø160×H110	Ø200×H110	Ø240×H110
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / Clear PC			
Colour	Grey/ White			
Beam Angle	20° 40° 60°			
Chip	COB			
CRI	>90			
PF	0.95			
Driver	Included			
Voltage	85 - 265V			
IP Rating	IP65			
Life	50000 hours			
Warranty	5 Years			



Size



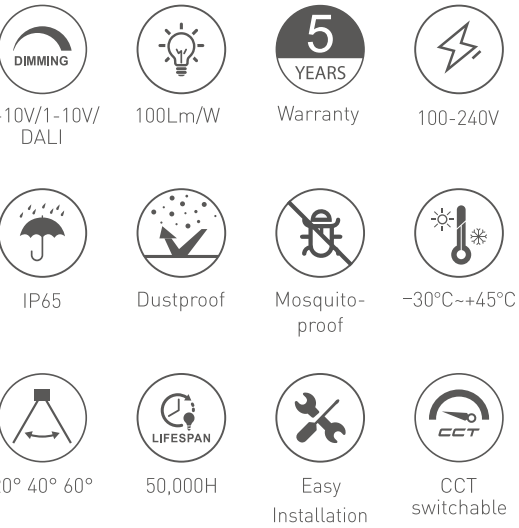
RL-DL1411 Series
LED Surface Downlight

COB chip concentrates light, emits soft light to reduce glare, and features anti-glare shielding to prevent dazzling.

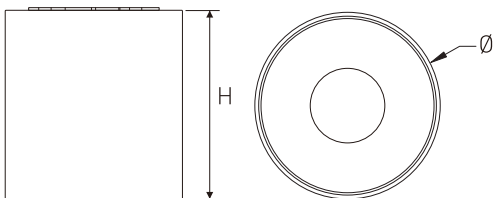


Parameters

Model No.	RL-DL1411 series							
Power	10W	15W	15W	20W	30W	40-50W	50-60W	60-100W
Size(MM)	Ø75*H100	Ø75*H152	Ø95*H100	Ø95*H152	Ø115*H152	Ø140*H160	Ø170*H182	Ø205*H212
Lumens	100LM/W							
COL. TEMP	3000K/4000K/6500K/CCT							
DIM. OP	0-10V/1-10V/DALI							
Adjustable	NO							
Material	Aluminium / PC							
Colour	White/Black							
Beam Angle	20° 40° 60°							
Chip	COB							
CRI	>90							
PF	0.5	0.5	0.95	0.95	0.95	0.95	0.95	0.95
Driver	Included							
Voltage	100-240V							
IP Rating	IP65							
Life	50000 hours							
Warranty	5 Years							



Size





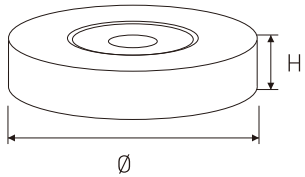
RL-DL1415 Series
LED Surface Downlight

The lamp body is made of aluminum, with a frosted paint finish and a lens for anti-glare and light control. It is suitable for use in various settings such as airports, high-speed rail stations, office buildings, and large commercial properties.



- 
0-10V/1-10V/
DALI
- 
High-quality
chip
- 
80Lm/W
- 
3
YEARS
Warranty
- 
IP44
- 
Dustproof
- 
Mosquito-
proof
- 
-30°C~+45°C
- 
30,000H
- 
Easy
Installation
- 
High color
rendering
- 
CCT
switchable

Size



Parameters

Model No.	RL-DL1415-SERIES			
Power	10W	18W	30W	40W
Size(MM)	Ø175×H40	Ø175×H40	Ø225×H40	Ø300×H40
Lumens	80LM/W			
COL. TEMP	3000K/4000K/6500K			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White			
Chip	COB			
CRI	>80			
PF	0.5			
Driver	Included			
IP Rating	IP44			
Life	30000 hours			
Warranty	3 Years			

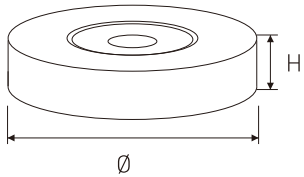
RL-DL2410 Series
LED Surface Downlight

With a slim design, compact shape, and an all-aluminum body, it boasts excellent craftsmanship. The high-transparency lens provides strong focusing with low loss. Multiple sizes are available. It is suitable for small home spaces, shops, display cabinets, and more.



- 
0-10V/1-10V/
DALI
- 
90Lm/W
- 
3
YEARS
Warranty
- 
100-240V
- 
IP44
- 
Dustproof
- 
Mosquito-
proof
- 
-30°C~+45°C
- 
120°
- 
30,000H
- 
Easy
Installation
- 
CCT
switchable

Size



Parameters

Model No.	RL-DL2410 Series			
Power	3W	5W	10W	15W
Size(MM)	Ø60*H16	Ø75*H16	Ø105*H20	Ø125*H25
Lumens	90LM/W			
COL. TEMP	3000K/4000K/6500K			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White/Black			
Beam Angle	120°			
Chip	COB			
CRI	>90			
PF	0.5			
Driver	Included			
Voltage	100-240V			
IP Rating	IP44			
Life	30000 hours			
Warranty	3 Years			



RL-DL2411-SERIES
LED Surface Downlight

High-brightness COB surface-mounted downlight, no need for hole drilling, easy to install, suitable for commercial lighting projects such as shopping malls, hotels, restaurants, etc.



DIMMING



100Lm/W



5 YEARS
Warranty



100-240V



IP44



Dustproof



Mosquito-proof



-30°C~+45°C



20° 45°



50,000H

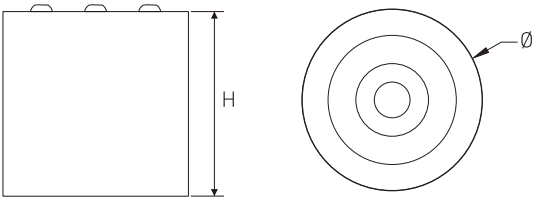


Easy Installation



CCT switchable

Size



Parameters

Model No.	RL-DL2411-SERIES				
Power	9W	12W	24W	30W	40W
Size(MM)	Ø90*H90	Ø100*H120	Ø130*H152	Ø170*H185	Ø193*H193
Lumens	100LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium / PC				
Colour	White/Black				
Beam Angle	20° 45°				
Chip	COB				
CRI	>90				
PF	0.5	0.5	0.95	0.95	0.95
Driver	Included				
Voltage	100-240V				
IP Rating	IP44				
Life	50000 hours				
Warranty	5 Years				





RL-DL2412-SERIES
LED Surface Downlight

High-brightness COB surface-mounted downlight, no need for hole drilling, easy to install, suitable for commercial lighting projects such as shopping malls, hotels, restaurants, etc.



0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP44

Dustproof

Mosquito-
proof

-30°C~+45°C

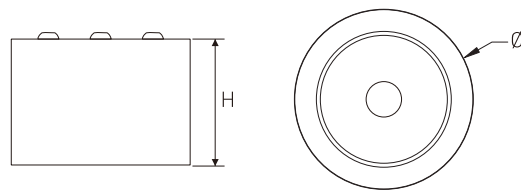
45°

50,000H

Easy
Installation

CCT
switchable

Size



Parameters

Model No.	RL-DL2412-SERIES			
Power	7W	10W	15W	20W
Size(MM)	Ø69*46	Ø90*50	Ø115*65	Ø132*65
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White/Black			
Beam Angle	45°			
Chip	COB			
CRI	>90			
PF	0.5	0.5	0.95	0.95
Driver	Included			
Voltage	100-240V			
IP Rating	IP44			
Life	50000 hours			
Warranty	5 Years			

RL-DL2413-SERIES
LED Surface Downlight

Deep tube anti-glare, built-in LED light source chip, high color rendering, high brightness and durability. With beam angles of 20°, 40°, and 60°, precise light control ensures that only the light is visible, with no visible lights.



0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP44

Dustproof

Mosquito-
proof

-30°C~+45°C

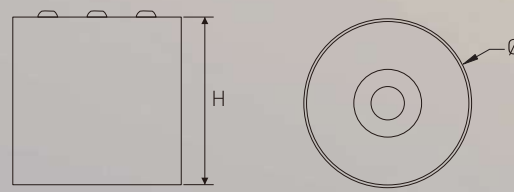
15° 24° 36° 50°

50,000H

Easy
Installation

CCT
switchable

Size



Parameters

Model No.	RL-DL2413-SERIES			
Power	10W	15W	20W	30W
Size(MM)	Ø85*85	Ø100*90	Ø120*100	Ø150*120
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White/ Black			
Beam Angle	15° 24° 36° 50°			
Chip	COB			
CRI	>90			
PF	0.5	0.5	0.95	0.95
Driver	Included			
Voltage	100-240V			
IP Rating	IP44			
Life	50000 hours			
Warranty	5 Years			



RL-DL2414 Series

Adjustable angle surface-mounted downlight

Adopting an adjustable angle design,
You can adjust the lighting angle as you wish.
The integrated cooling system ensures higher stability,
It has strong heat dissipation performance and a long service life.

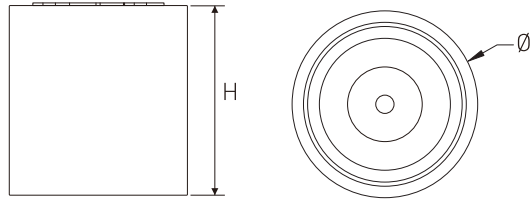


▲ Curved reflective cup; Adjustable angle

Parameters

Model No.	RL-DL2414 Series		
Power	9W	15W	24W
Size(MM)	Ø75*H86	Ø95*H152	Ø115*H152
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/Black		
Beam Angle	15° 24°38°	20° 45°	20° 45°
Chip	COB		
CRI	>90		
PF	0.5	0.5	0.95
Driver	Included		
Voltage	100-240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	5 Years		

Size



RL-DL2415-SERIES

LED Surface Downlight

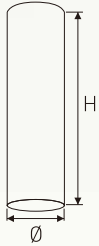
A long tube downlight without the need for drilling,
featuring a minimalist and fashionable classic style,
Adjustable beam angle, deep anti-glare design,
Aluminum lamp body, high-transmittance lampshade,
low light loss.Multiple sizes are available.



Parameters

Model No.	RL-DL2415-SERIES		
Power	7W	12W	20W
Size(MM)	Ø73*H220	Ø73*H330	Ø98*H330
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	NO		
Material	Aluminium / PC		
Colour	White/ Black		
Beam Angle	15° 24°38°	15° 24°38°	15° 24°36°
Chip	COB		
CRI	>90		
PF	0.5	0.5	0.9
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		

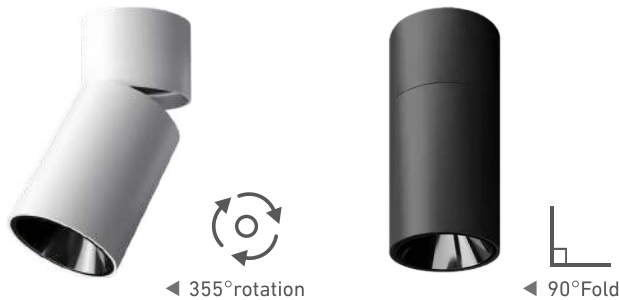
Size





RL-DL2416-SERIES
LED Surface Downlight

Fashionable appearance, multi-angle adjustment design;
COB chip, anti-glare and eye protection;
high color rendering index,
creating a comfortable lighting environment.



0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP20

Dustproof

Mosquito-
proof

-30°C~+45°C

24°36°

50,000H

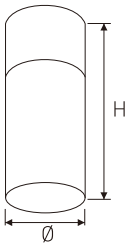
Easy
Installation

CCT
switchable

Parameters

Model No.	RL-DL2416-SERIES		
Power	9W	12W	18W
Size(MM)	Ø55*H130	Ø65*H150	Ø75*H165
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/Black		
Beam Angle	24°36°		
Chip	COB		
CRI	>90		
PF	0.5	0.5	0.9
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		

Size



RL-SQDL2418-SERIES
LED Surface Downlight

Square surface-mounted spotlight, high brightness,
soft light emission, high color rendering, good illumination.
Even light distribution, pure light color, adjustable lamp head angle,
wall wash, direct light, adaptable to your needs, wide applicability.



0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP44

Dustproof

Mosquito-
proof

-30°C~+45°C

20° 40° 60°

50,000H

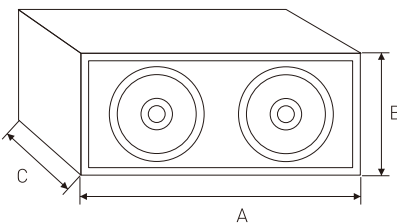
Easy
Installation

CCT
switchable

Parameters

Model No.	RL-SQDL2418-SERIES								
Power	15W	2*15W	3*15W	25W	2*25W	3*25W	40W	2*40W	3*40W
Size(MM)(A×B)	100*100	200*100	300*100	115*115	230*115	345*115	150*150	300*150	450*150
Height(MM)	100			140			180		
Lumens	100LM/W								
COL. TEMP	3000K/4000K/6500K/CCT								
DIM. OP	0-10V/1-10V/DALI								
Adjustable	YES								
Material	Aluminium / PC								
Colour	White/ Black								
Beam Angle	20° 40° 60°								
Chip	COB								
CRI	>90								
PF	0.5	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Driver	Included								
Voltage	100-240V								
IP Rating	IP44								
Life	50000 hours								
Warranty	5 Years								

Size





Adjustable within 30°
left and right



RL-RDDL2419-SERIES
RL-SQDL2419-SERIES

LED Surface Downlight

Surface-mounted clear beam downlight.
Deep concave anti-glare structure,
Ensure that only light is visible without any visible lights.
The lamp head can be rotated for precise adjustment of the lighting direction.



▲ Square Style

0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

IP20

Dustproof

Mosquito-
proof

-30°C~+45°C

15° 24° 36°

50,000H

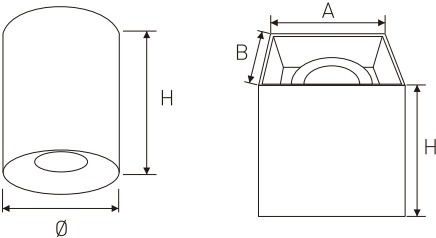
Easy
Installation

CCT
switchable

Parameters

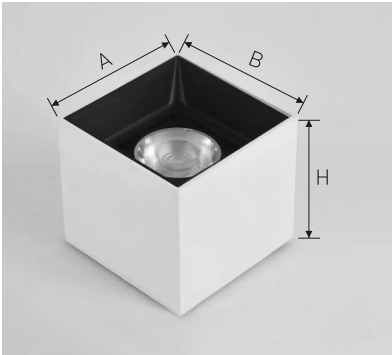
Model No.	RL-RDDL2419-SERIES			RL-SQDL2419-SERIES		
Power	9W	12W	18W	9W	12W	18W
Size(MM)	60*69	80*94	100*105	60*60*H69	80*80*H94	100*100*H105
Lumens	100LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	YES					
Material	ALUMINIUM / PC					
Colour	WHITE/BLACK					
Beam Angle	15° 24° 36°					
Chip	COB					
CRI	>90					
PF	0.5	0.5	0.95	0.5	0.5	0.95
Driver	Included					
Voltage	100-240V					
IP Rating	IP20					
Life	50000 hours					
Warranty	5 Years					

Size



RL-SQDL2420-SERIES
LED Surface Downlight

The simple and elegant square downlight features a deep tube design,
Provide anti-glare and non-dazzling lighting.
Adopting the classic black and white color scheme,
There are multiple sizes available for selection.



Parameters

Model No.	RL-SQDL2420-SERIES							
Power	5W	10W	15W	20W	9W	15W	18W	25W
Size(MM)	55*55*H80	75*75*H95	95*95*H105	118*118*H110	55*55*H120	75*75*H130	95*95*H150	115*115*H160
PF	0.5	0.5	0.95	0.95	0.5	0.95	0.95	0.95
CRI	> 90							
DIM. OP	0-10V/1-10V/DALI							
Beam Angle	15° 30° 45°							
Voltage	100-240V							
Life	50000 hours							
Warranty	5 Years							
Lumens	100LM/W							
COL. TEMP	3000K/4000K/6500K/CCT							
Adjustable	NO							
Material	Aluminium / PC							
Colour	White/ Black							
Chip	COB							
Driver	Included							
IP Rating	IP20							



RL-DL1700-SERIES
LED Grille Downlight

Simple COB bold lamp, high brightness,
high color rendering, low light decay, long lifespan,
suitable for various spaces in home and commercial stores.

0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

15° 24° 36° 50°

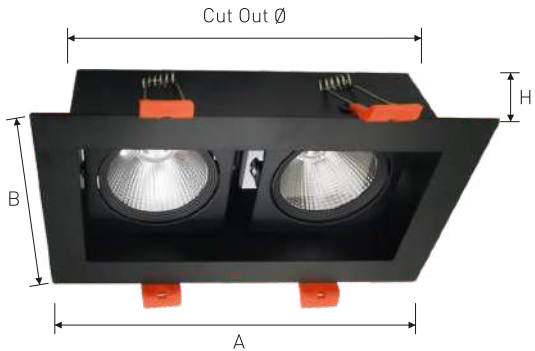
IP20

50,000H

CCT
switchable



Size



Parameters

Model No.	RL-DL1700-SERIES	
Power	3*9W	2*9W
Size(MM)	345*130	235*130
Cut Out (mm)	320*120	220*120
Beam angle	15° 24° 36° 50°	
Lumens	100LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
DIM. OP	0-10V/1-10V/DALI	
Adjustable	YES	
Material	Aluminium / PC	
Diffuser	PC	
Colour	White/ Black	
Chip	COB	
CRI	>90	
PF	0.95	
Driver	Included	
Voltage	100-240V	
IP Rating	IP20	
Life	50000 hours	
Warranty	5 Years	



RL-DL1701-SERIES
LED Grille Downlight

Simple COB bold lamp, high brightness,
high color rendering, low light decay, long lifespan,
suitable for various spaces in home and commercial stores.

0-10V/1-10V/
DALI

100Lm/W

Warranty

100-240V

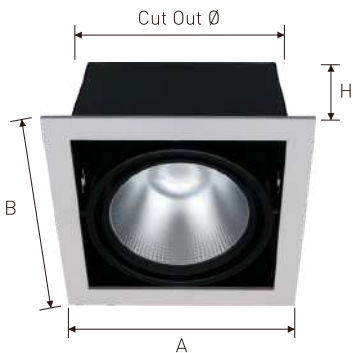
15° 24° 36° 50°

IP20

50,000H

CCT
switchable

Size



Parameters

Model No.	RL-DL1701-SERIES						
Power	10W	15W	20W	24W	2*15W	2*24W	
Size(MM)	110*110	130*130	135*135	155*155	230*130	300*155	
Cut Out (mm)	95*95	115*115	120*120	140*140	215*115	280*135	
Beam angle	15° 24° 36° 50°						
Lumens	100LM/W						
COL. TEMP	3000K/4000K/6500K/CCT						
DIM. OP	0-10V/1-10V/DALI						
Adjustable	YES						
Material	Aluminium / PC						
Diffuser	PC						
Colour	White/ Black						
Chip	COB						
CRI	>90						
PF	0.5	0.5	0.95	0.95	0.5	0.95	0.95
Driver	Included						
Voltage	100-240V						
IP Rating	IP20						
Life	50000 hours						
Warranty	5 Years						



RL-DL1702-SERIES
RL-DL1703-SERIES
LED Grille Downlight

Borderless embedded gallbladder lamp, high-quality chip, high brightness, energy-saving, anti glare. Suitable for home and various commercial spaces, creating high aesthetic spaces without main lights.



Size



Parameters

Model No.	RL-DL1702-SERIES			RL-DL1703-SERIES		
Power	15W	24W	32W	2*15W	2*20W	2*30W
Size(MM)	95*95*100	115*115*120	150*150*140	195*95*100	245*115*120	300*150*140
Cut Out (mm)	95*95	115*115	150*150	195*95	245*115	300*150
Beam angle	15° 24° 36° 50°					
Lumens	100LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	YES					
Material	Aluminium / PC					
Diffuser	PC					
Colour	White/ Black					
Chip	COB					
CRI	>90					
PF	0.95					
Driver	Included					
Voltage	100-240V					
IP Rating	IP20					
Life	50000 hours					
Warranty	5 Years					



RL-DL1705-SERIES
LED Grille Downlight

COB grille bulletproof lamp, high brightness, anti glare, high color rendering, the lamp body can rotate, tilt and adjust at any angle, and the illumination has no blind spots.

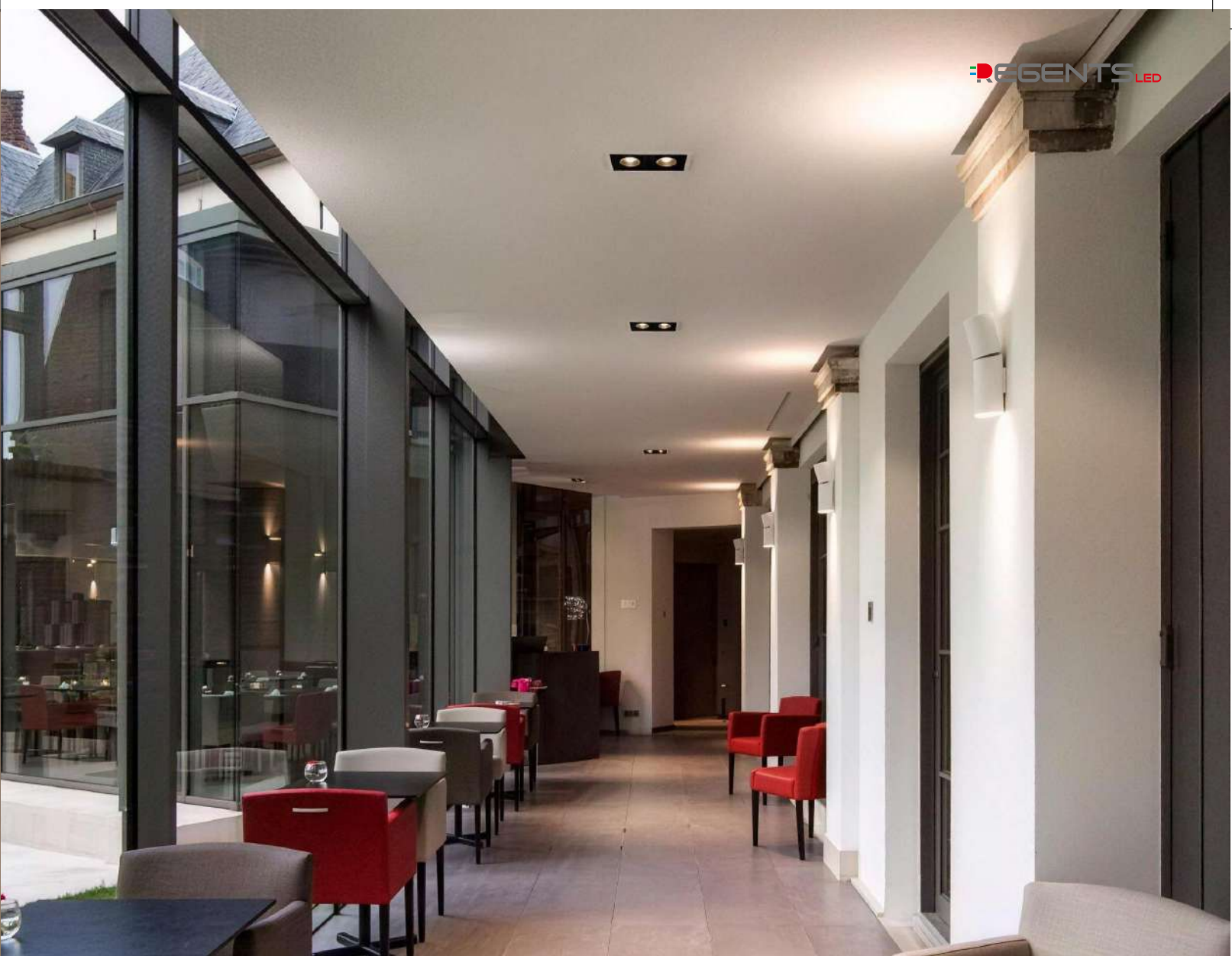


Size



Parameters

Model No.	RL-DL1705-SERIES						
Power	12W	15W	25W	12W*2	15W*2	25W*2	30W*2
Size(MM)	70*70	90*90	110*110	70*128	90*168	110*220	138*276
Cut Out (mm)	60*60	80*80	100*100	60*115	80*155	100*200	125*255
Beam angle	15° 24° 36° 50°						
Lumens	100LM/W						
COL. TEMP	3000K/4000K/6500K/CCT						
DIM. OP	0-10V/1-10V/DALI						
Adjustable	YES						
Material	Aluminium / PC						
Diffuser	PC						
Colour	White/ Black						
Chip	COB						
CRI	>90						
PF	0.5	0.95	0.95	0.95	0.95	0.95	0.95
Driver	Included						
Voltage	100-240V						
IP Rating	IP20						
Life	50000 hours						
Warranty	5 Years						



RL-DL1704-SERIES
LED Grille Downlight

COB grille bulletproof lamp, high brightness, anti glare,
high color rendering, the lamp body can rotate,
tilt and adjust at any angle,
and the illumination has no blind spots.



DIMMING



100Lm/W



5 YEARS
Warranty



100-240V



15° 24° 36°



IP20



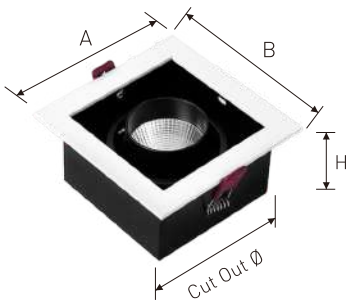
50,000H



CCT
switchable



Size



Parameters

Model No.	RL-DL1704-SINGLE			RL-DL1704-DOUBLE			RL-DL1704-TRIPLE		
Power	10W	15W	20W	2*10W	2*15W	2*20W	3*10W	3*15W	3*20W
Size(MM)	115*115	135*135	160*160	115*215	135*250	160*315	115*315	135*360	160*465
Cut Out (mm)	100*100	120*120	145*145	100*190	120*233	145*298	100*298	120*340	145*447
Beam angle	15° 24° 36°								
Lumens	100LM/W								
COL. TEMP	3000K/4000K/6500K/CCT								
DIM. OP	0-10V/1-10V/DALI								
Adjustable	YES								
Material	Aluminium / PC								
Diffuser	PC								
Colour	White/ Black								
Chip	COB								
CRI	>90								
PF	0.5	0.95	0.95	0.5	0.95	0.95	0.5	0.95	0.95
Driver	Included								
Voltage	100-240V								
IP Rating	IP20								
Life	50000 hours								
Warranty	5 Years								

LED CEILING LIGHT

RL-SD6015-SERIES LED Ceiling Light

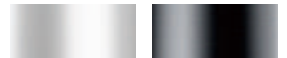
BACKLITE technology ensures high efficiency and even, lasting light without yellowing.
Offers flexible surface or suspended mounting.
Ideal for offices, hotels, schools, and retail spaces.



Chandelier-style



Ceiling-mounted



White Black

- 

DIMMING
- 

100lm/W
- 

5 YEARS
Warranty
- 

220-240V
- 

IP44
- 

Dustproof
- 

mosquito-proof
- 

-30°C~+45°C
- 

120°
- 

50,000H
- 

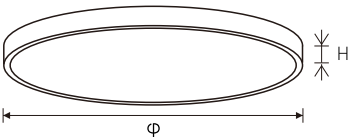
Easy Installation
- 

CCT switchable

Parameters

Model No.	RL-SD6015-SERIES			
Power	30W	36W	48W	80W
Size (MM)	Ø400*H70	Ø500*H70	Ø600*H70	Ø800*H70
LED qty	72	90	120	160
Lumens	80-90LM/W			
MOQ	500			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Material	Metal/ PC			
Chip	SMD			
CRI	>80			
PF	0.9			
Driver	Included			
Voltage	220-240V			
Hz	50-60Hz			
IP Rating	IP44			
Life	50000 hours			
Warranty	5 Years			

Size

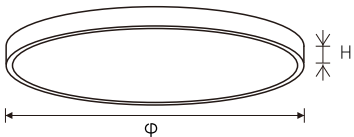




Colour



Size



RL-CLRD-SM-SERIES
LED Panel Light

A sleek, circular light designed for ceiling or pendant use.
Available in White, Black, and Gold.
Features moisture, dust, and insect resistance.
Minimalist and versatile for any space.



Chandelier-style



Ceiling-mounted

Parameters

Model#	RL-CLRD-SM-SERIES
Adjustability	NA
Beam angle	120 °
CCT	3000K/4000K/6000K DIP switch control
Chromaticity Tolerance	3
Color housing	White (RAL 9003)
Connected Load	18W /24W /32W/40W/ 50W/ 60W
CRI	(RA) > 80
Emergency	No
Size(MM)	φ230x25/ φ300x25/ φ400x25/ φ500x25/ φ600x25/ φ750x25mm
Ingress Protection	IP44
Installation Method	Surface mounted/ Suspended
Lifetime/Failure rate	>100000h/L80B20 / >50000h/L90B50
Lumen/p.watt	100Lm/W
Luminaire Body	Plastic PS
Luminous Flux	1800lm/ 2400lm/ 3200lm/ 4000lm/ 5000lm/ 6000lm
MainsVoltage	220-240V / 50-60Hz
Max. ambient temperature	-20~+45 °C
Net. Weight	1.05 Kg
Optic	PS diffuser
Warranty	3 years
Driver	PF→0.9 flicker free
Electrical Safety Class	ClassII
Light source energy class	E
LED CHIP	SMD2835
DIM. OP	0-10V/1-10V/DALI



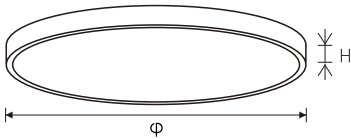
RL-PNT-SERIES
LED Ceiling Light

A sleek, circular light designed for ceiling use.
Available in White, and Black.
Features moisture, dust, and insect resistance.
Minimalist and versatile for any space.

- 
0-10V/1-10V/
DALI
- 
100Lm/W
- 
Warranty
- 
100-240V
- 
IP44
- 
Dustproof
- 
mosquito-
proof
- 
-30°C~+45°C
- 
120°
- 
50,000H
- 
Easy
Installation
- 
CCT
switchable

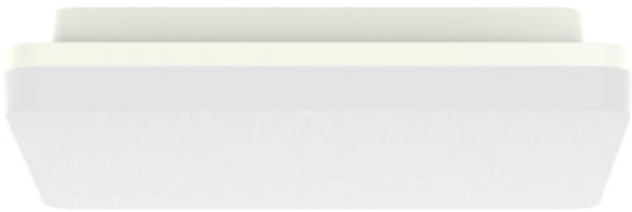


Size



Parameters

Model No.	RL-PNT-SERIES				
Power	24-30W	40-50W	70-80W	80-90W	100-120W
Size (MM)	Ø400*H50	Ø600*H50	Ø800*H50	Ø1000*H50	Ø1200*H50
Lumens	100LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Metal/ PC				
Colour	White/Black				
Chip	SMD				
CRI	>80				
PF	0.9				
Driver	Included				
Voltage	100-240V				
IP Rating	IP44				
Life	50000 hours				
Warranty	5 Years				



RL-SD6017-RD
RL-SD6017-SQ

Ip54 Ceiling Light

IP65 Ceiling Light is a super slim and functional form ceiling light , it is with dimmable, CCT changeable , microwave sensor, emergency etc functions. It's ideal luminaire to any indoor applications.



DIMMING

0-10V/1-10V/
DALI



110Lm/W



5
YEARS
Warranty



185-265V



IP54



Dustproof



mosquito-
proof



-30°C~+45°C



120°



50,000H



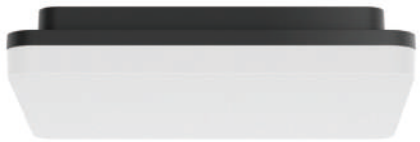
Easy
Installation



CCT
switchable



RD black style

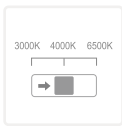


SQ black style

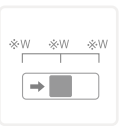


Optional Remote Controller





CCT Changeable



Power Changeable



ON/OFF CCT Changeable



ON/OFF Dimmable



Dimmable



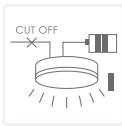
RGB



WIFI + Bluetooth



Bluetooth Mesh



Emergency



Microwave Sensor



Size

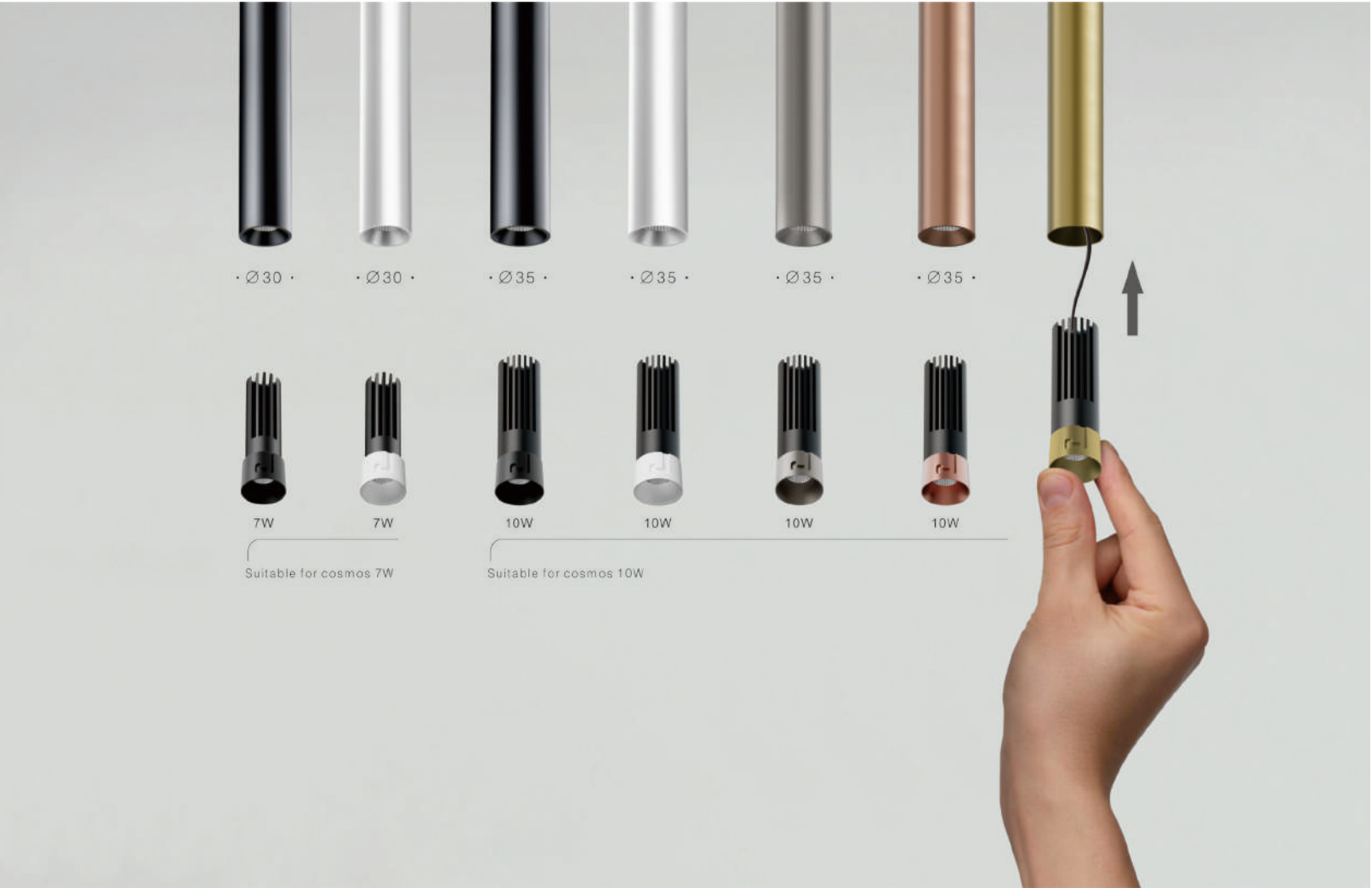


Parameters

Model No.	RL-SD6017-RD			RL-SD6017-SQ		
Power	18W	24W	30W	18W	24W	30W
Size (MM)	Ø220*H51	Ø280*H51	Ø330*H51	220*220*H51	280*280*H51	330*330*H51
PF	≥0.8	≥0.8	≥0.9	≥0.8	≥0.8	≥0.9
Lumens	110LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
Material	PC					
Colour	White/Black					
Beam angle	120°					
CRI	80					
Energy Class	E					
Voltage	185-265V					
IP	IP54					
DIM. OP	0-10V/1-10V/DALI					

LED PENDANT LIGHT





RL-PD6001-SERIES

LED Pendant Light

For this range of luminaire installations, available in 5W and 8W luminaire combinations, designed for accent lighting, emphasizing the verticality of the suspension in the application space. The levity of such a light aesthetic piece is one of its greatest attractions. Reduces the visual weight of the installation and produces a minimalist aesthetic.

80LM/W

Warranty

100-240V

IP20

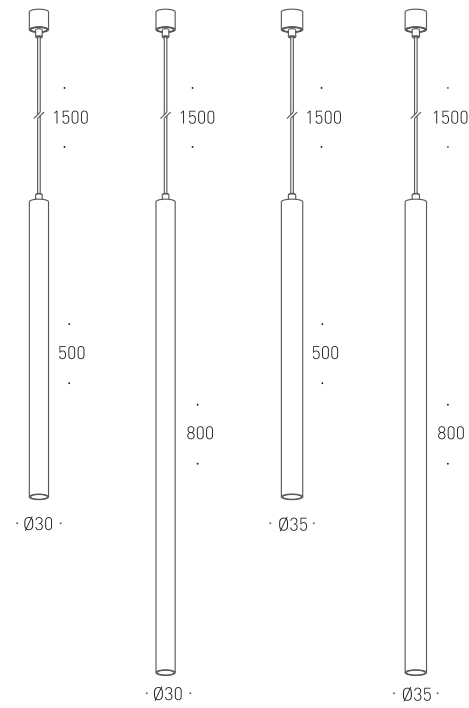
15° 24°36°

50,000H

0-10V/1-10V/ DALI

Power switchable

Size(MM)



Parameters

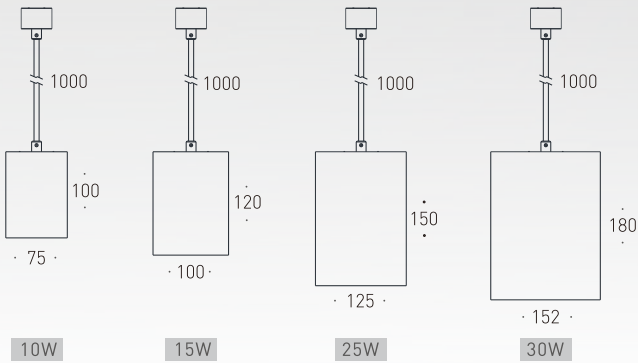
Model No.	RL-PD6001-SERIES
Power	5 W / 8 W
Beam angle	15° 24°36°
Lumens	80LM/W
COL. TEMP	3000K/4000K/6500K
DIM. OP	0-10V/1-10V/DALI
Adjustable	NO
Material	Aluminium / PC
Chip	COB
CRI	>90
PF	0.5
Driver	Included
Voltage	100-240V
IP Rating	IP20
Life	50000 hours
Warranty	5 Years

RL-PD6004-SERIES
LED Pendant Light

Ceiling-mounted/Wall-hung, two installation modes
Deep Anti-glare; 60° Anti-glare Beam Angle
Acrylic shade; soft light effect, high light transmittance.
All-aluminum body; extends the lamp's lifespan,
thickened for enhanced durability.
LED Chip; Eye-friendly and Flicker-free.



Size(MM)

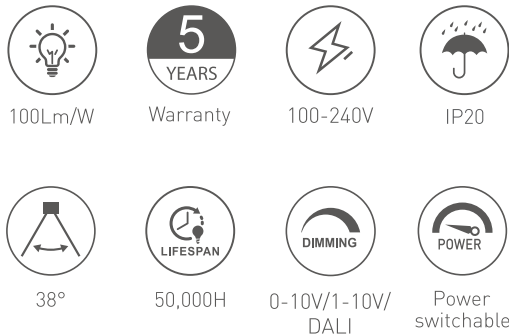


Parameters

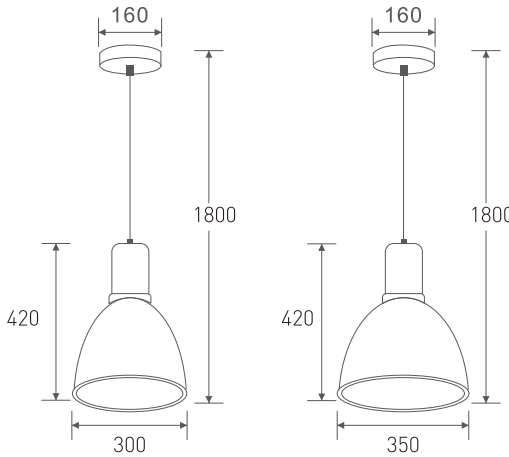
Model No.	RL-PD6004-SERIES			
Power	10W	15W	25W	35W
Beam angle	60°			
Lumens	100LM/W			
COL. TEMP	3000K/4000K/6500K			
DIM. OP	0-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White/Black			
Chip	SMD/COB			
CRI	>90			
PF	0.5	0.5	0.95	0.95
Driver	Included			
Voltage	100-240V			
IP Rating	IP20			
Life	50000 hours			
Warranty	5 Years			

RL-PD6008-SERIES
LED Pendant Light

Simple design, classic style,
suitable for various spaces such as dining rooms and offices,
creating a stylish and comfortable environment,
available in white or black.



Size(MM)



Parameters

Model No.	RL-PD6008-SERIES
Power	20W/30W
Angle of illumination	38°
Lumens	100LM/W
COL. TEMP	3000K/4000K/6500K
DIM. OP	0-10V/1-10V/DALI
Adjustable	NO
Material	Aluminium / PC
Colour	White/black
Chip	SMD/COB/E27
CRI	>90
PF	0.95
Driver	Included
Voltage	100-240V
IP Rating	IP20
Life	50000 hours
Warranty	5 Years

RL-PD9010-SERIES
LED Pendant Light

LED energy-saving light source,
with a freely rotatable lamp head,
suitable for various commercial spaces,
creating a high-end consumer experience.



80Lm/W



Warranty



100-240V



IP20



15°24°36°55°



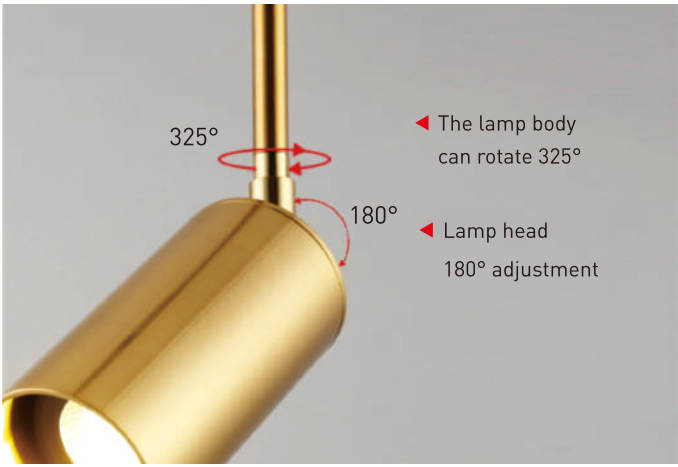
50,000H



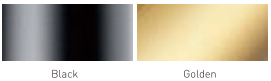
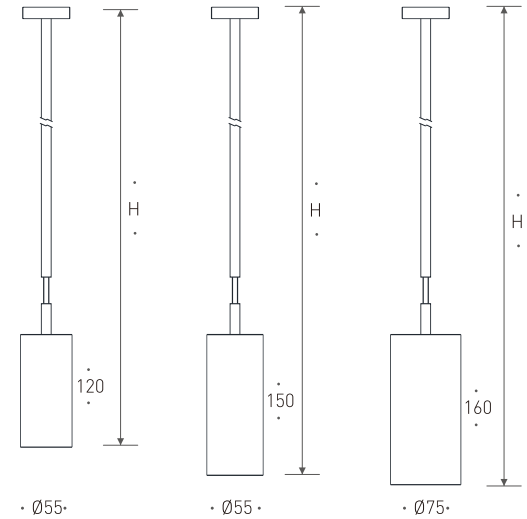
0-10V/1-10V/
DALI



Power
switchable



Size(MM)



Parameters

Model No.	RL-PD9010-SERIES		
Power	7-10W	15W	20-30W
Lamp holder size (MM)	Ø55*120	Ø60*150	Ø75*160
PF	0.5	0.5	0.95
Overall dimensions (MM)	H15-30CM/H25-50CM/H50-100CM/H75-150CM		
Angle of illumination	15° 24°36°55°		
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Chip	COB		
CRI	>90		
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



RL-PD9012-SERIES



RL-PD9015-SERIES

RL-PD9016-SERIES



RL-PD9013-SERIES

RL-PD9014-SERIES



Parameters

Model No.	RL-PD9012-SERIES	RL-PD9013-SERIES	RL-PD9014-SERIES	RL-PD9015-SERIES	RL-PD9016-SERIES
Power	5-7W	7-10W	7-10W	10W	10W
Angle of illumination	15° 24°36°55°	15° 24°36°	15° 24°36°	24°36°	15°24°36°50°
Size (MM)	Ø30MM/50MM*H300MM	Ø50MM*H270MM	Ø50MM*H270MM	Ø45*H350MM	Ø75*H350MM
Lumens	100LM/W				
COL. TEMP	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium / PC				
Chip	COB				
CRI	>90				
PF	0.5				
Driver	Included				
Voltage	100-240V				
IP Rating	IP20				
Life	50000 hours				
Warranty	5 Years				



RL-PD9030-SERIES
LED Pendant Light

This chandelier features a lively design, comes in several styles, and offers various specifications, allowing it to suit different spaces and create a modern, contemporary ambiance.



Power	20W	40W	50W	60W
Size(MM)	L600*300*H70	L900*300*H70	L1000*300*H70	L1200*300*H70
Lumens	90LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PC			
Colour	White/Black			
Chip	SMD			
CRI	>90			
PF	0.95			
Driver	Included			
Voltage	100-240V			
IP Rating	IP20			
Life	50000 hours			
Warranty	5 Years			



Power	30W	40W	50W	60W	80W	120W	150W
Size(MM)	D500H80	D600H80	D800H80	D1000H80	D1200H80	D1500H80	D2000H80
Lumens	80LM/W						
COL. TEMP	3000K/4000K/6500K/CCT						
DIM. OP	0-10V/1-10V/DALI						
Adjustable	NO						
Material	Aluminium / PC						
Colour	White/black/Golden						
Chip	SMD						
CRI	>80						
PF	0.95						
Driver	Included						
Voltage	100-240V						
IP Rating	IP20						
Life	50000 hours						
Warranty	5 Years						

RL-PNT-CIR-SERIES
LED Pendant Light

This chandelier is suitable for offices, gyms, internet cafes, supermarkets, and more. It comes in various sizes that can be freely combined to create a high-end, stylish environment.



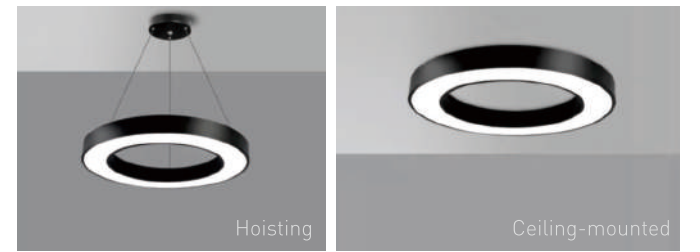
RL-PNT-CIR02-SERIES
LED Pendant Light

This chandelier is suitable for offices, gyms, internet cafes, supermarkets, etc., and is available in both pendant and ceiling-mounted styles. It features a stylish design and offers flexible use.



RL-PNT-CIR03-SERIES
LED Pendant Light

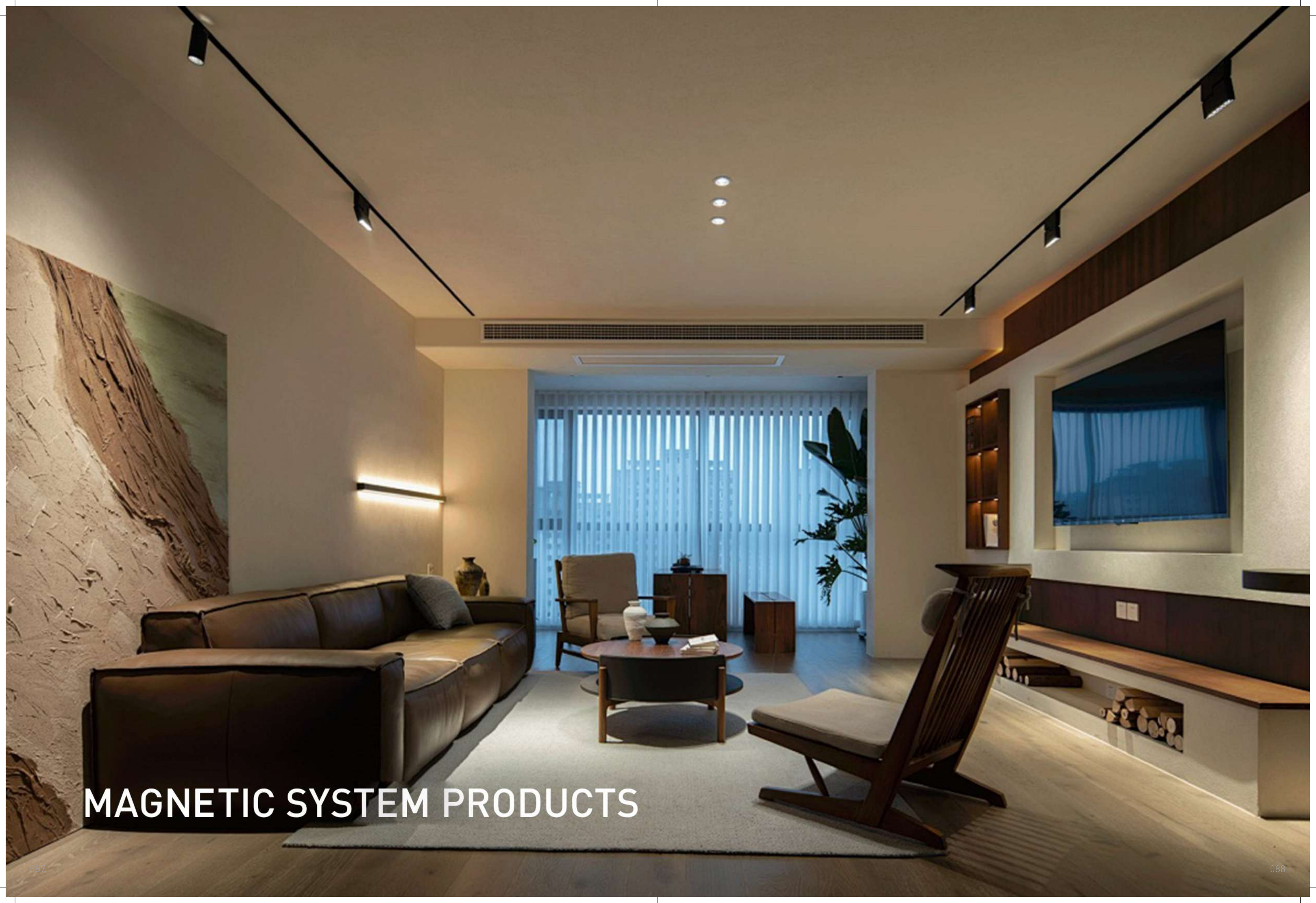
This pendant light is suitable for offices, gyms, internet cafes, supermarkets, and more. The hanging wire is 100cm long and can be freely adjusted as needed.



Power	30W	40W	50W	60W	80W
Size(MM)	D500H70	D600H50	D800H70	D1000H70	D1200H70
Lumens	80LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Aluminium / PC				
Colour	White/Black				
Chip	SMD				
CRI	>80	>90	>90	>90	>90
PF	0.95				
Driver	Included				
Voltage	100-240V				
IP Rating	IP20				
Life	50000 hours				
Warranty	5 Years				



Power	30-40W	40-50W	60-70W	80-90W	90-120W
Size(MM)	D400H50	D600H50	D800H50	D1000H50	D1200H50
Lumens	80LM/W				
COL. TEMP	3000K/4000K/6500K/CCT				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	NO				
Material	Metal+PC				
Colour	White/Black				
Chip	SMD				
CRI	>90				
PF	0.95				
Driver	Included				
Voltage	100-240V				
IP Rating	IP20				
Life	50000 hours				
Warranty	5 Years				

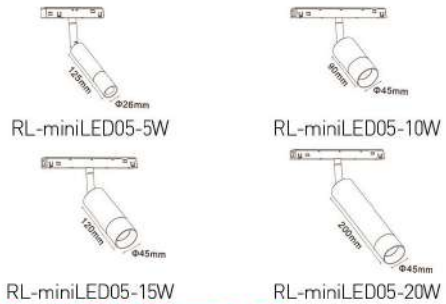


MAGNETIC SYSTEM PRODUCTS

RL-MINILED05



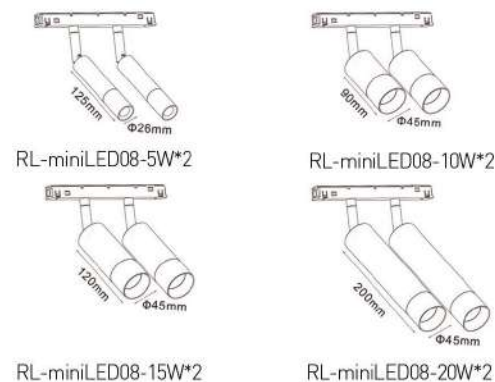
Dimension(MM)



RL-MINILED08



Dimension(MM)

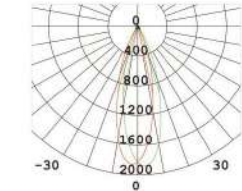


CCT Compare Image



Photometric diagrams

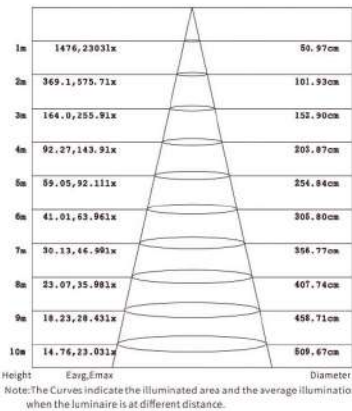
Beam Angle:24°
Useful Lumens:770.342 lm@ 10W



Parameters(MM)

MODEL NO.	RL-miniLED05			
POWER	5W	10W	15W	20W
DIM.OP	0-10V/1-10V/DALI			
IP RATE	IP20			
SMART DIMMING	YES			
LIGHT SOURCE LUMENS	≥100LM/W			
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED			
RA	≥90/FULL SPECTRUM			
BEAM ANGLE	15°/24°/38°			
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS			
VOLTAGE	DC48V			
LIFETIME	50000 hours			
WARRANTY	5 YEARS			

Luminaire effective average illumination diagram

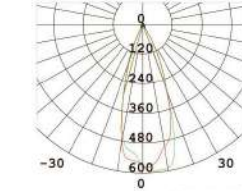


CCT Compare Image



Photometric diagrams

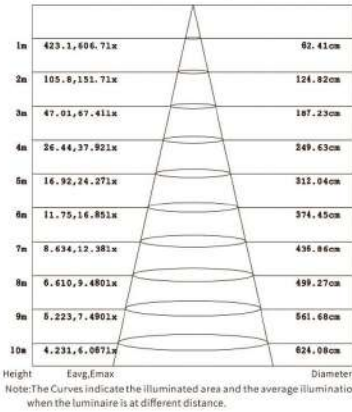
Beam Angle:24°
Useful Lumens:811.124 lm @ 5W*2



Parameters(MM)

MODEL NO.	RL-miniLED23			
POWER	10W	20W	30W	40W
DIM.OP	0-10V/1-10V/DALI			
IP RATE	IP20			
SMART DIMMING	YES			
LIGHT SOURCE LUMENS	≥100LM/W			
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED			
RA	≥90/FULL SPECTRUM			
BEAM ANGLE	10°/15°/24°/38°			
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS			
VOLTAGE	DC48V			
LIFETIME	50000 hours			
WARRANTY	5 YEARS			

Luminaire effective average illumination diagram



RL-MINILED09



Dimension(MM)



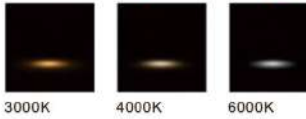
RL-MINILED10



Dimension(MM)

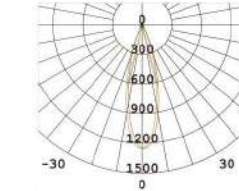


CCT Compare Image



Photometric diagrams

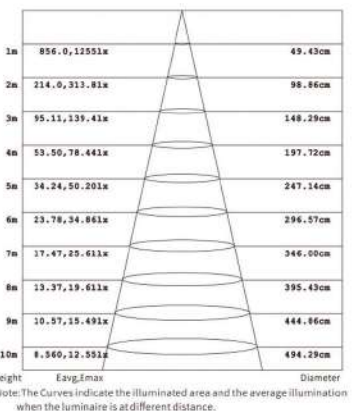
Beam Angle:24°
Useful Lumens:624.792 lm @7W



Parameters(MM)

MODEL NO.	RL-miniLED09
POWER	7W
DIM.OP	0-10V/1-10V/DALI
IP RATE	IP20
SMART DIMMING	YES
LIGHT SOURCE LUMENS	≥100LM/W
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED
RA	≥90/FULL SPECTRUM
BEAM ANGLE	20°/40°/60°
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS
VOLTAGE	DC48V
LIFETIME	50000 hours
WARRANTY	5 YEARS

Luminaire effective average illumination diagram

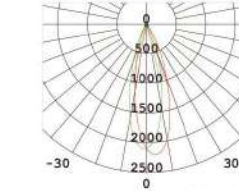


CCT Compare Image



Photometric diagrams

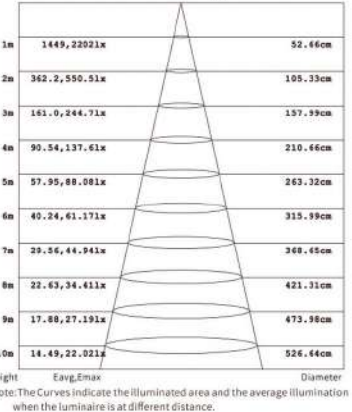
Beam Angle:40°
Useful Lumens:698.676 lm@ 10W



Parameters(MM)

MODEL NO.	RL-miniLED10		
POWER	5W	10W	15W
DIM.OP	0-10V/1-10V/DALI		
IP RATE	IP20		
SMART DIMMING	YES		
LIGHT SOURCE LUMENS	≥100LM/W		
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED		
RA	≥90/FULL SPECTRUM		
BEAM ANGLE	20°/40°/60°		
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS		
VOLTAGE	DC48V		
LIFETIME	50000 hours		
WARRANTY	5 YEARS		

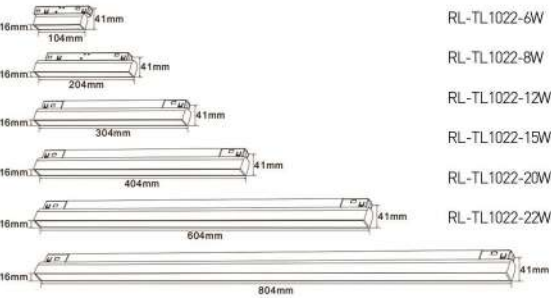
Luminaire effective average illumination diagram



RL-TL1022



Dimension(MM)



RL-MINILED23



Dimension(MM)



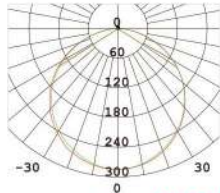
RL-miniLED23-6W RL-miniLED23-12W

CCT Compare Image



Photometric diagrams

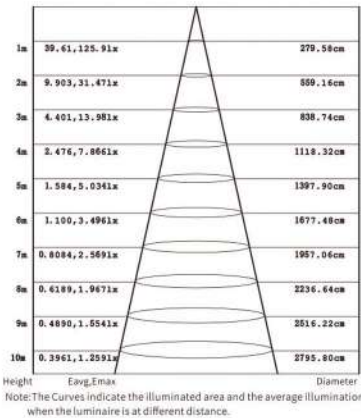
Beam Angle:120°
Useful Lumens:693.527lm @12W



Parameters(MM)

MODEL NO.	RL-TL-1022					
POWER	6W	8W	12W	15W	20W	22W
HOUSING COLOR	BLACK/WHITE/CUSTOMIZED					
IP RATE	IP20					
SMART DIMMING	YES					
LIGHT SOURCE LUMENS	≥100LM/W					
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED					
RA	≥90/FULL SPECTRUM					
BEAM ANGLE	120°					
DIM.OP	0-10V/1-10V/DALI					
VOLTAGE	DC48V					
LIFETIME	50000 hours					
WARRANTY	5 YEARS					

Luminaire effective average illumination diagram

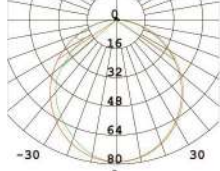


CCT Compare Image



Photometric diagrams

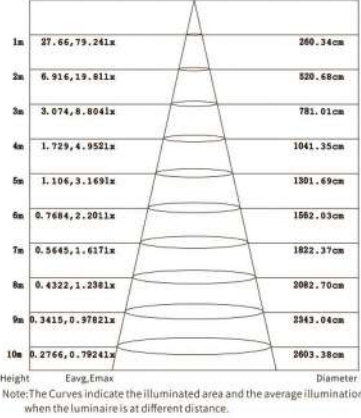
Beam Angle:120°
Useful Lumens:358.886 lm @6W



Parameters(MM)

MODEL NO.	RL-miniLED23		
POWER	6W	12W	18W
HOUSING COLOR	BLACK/WHITE/CUSTOMIZED		
IP RATE	IP20		
SMART DIMMING	YES		
LIGHT SOURCE LUMENS	≥100LM/W		
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED		
RA	≥90/FULL SPECTRUM		
BEAM ANGLE	120°		
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS		
VOLTAGE	DC48V		
LIFETIME	50000 hours		
WARRANTY	5 YEARS		
DIM.OP	0-10V/1-10V/DALI		

Luminaire effective average illumination diagram



RL-MINILED24



Dimension(MM)

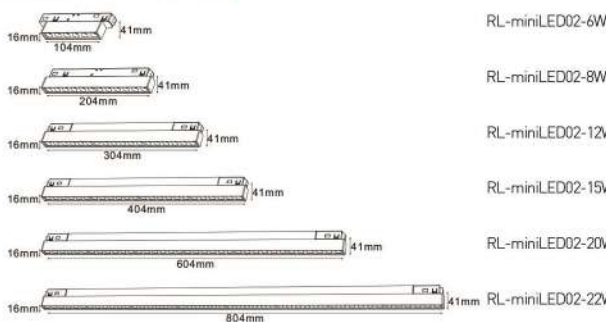


RL-miniLED24-6W RL-miniLED24-8W

RL-MINILED02



Dimension(MM)



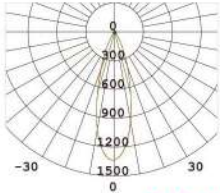
RL-miniLED02-6W RL-miniLED02-8W RL-miniLED02-12W RL-miniLED02-15W RL-miniLED02-20W RL-miniLED02-22W

CCT Compare Image



Photometric diagrams

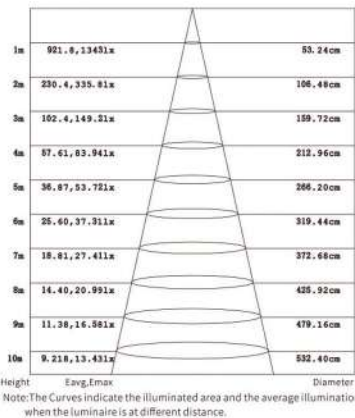
Beam Angle:30°
Useful Lumens:447.686 lm @6W



Parameters(MM)

MODEL NO.	RL-miniLED24		
POWER	6W	8W	12W
HOUSING COLOR	BLACK/WHITE/CUSTOMIZED		
IP RATE	IP20		
SMART DIMMING	YES		
LIGHT SOURCE LUMENS	≥100LM/W		
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED		
RA	≥90/FULL SPECTRUM		
BEAM ANGLE	15°/30°/48°		
DIM.OP	0-10V/1-10V/DALI		
VOLTAGE	DC48V		
LIFETIME	50000 hours		
WARRANTY	5 YEARS		

Luminaire effective average illumination diagram

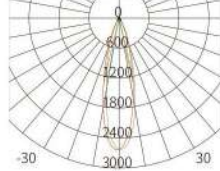


CCT Compare Image



Photometric diagrams

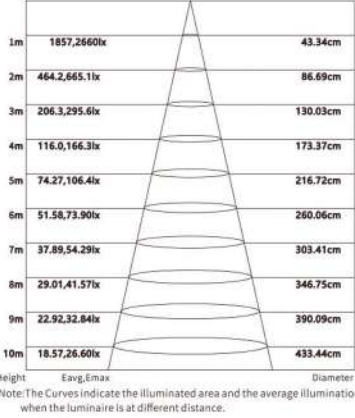
Beam Angle:30°
Useful Lumens:785.786 lm @10W



Parameters(MM)

MODEL NO.	RL-miniLED02					
POWER	6W	8W	12W	15W	20W	22W
HOUSING COLOR	BLACK/WHITE/CUSTOMIZED					
IP RATE	IP20					
SMART DIMMING	YES					
LIGHT SOURCE LUMENS	≥100LM/W					
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED					
RA	≥90/FULL SPECTRUM					
BEAM ANGLE	15°/30°/48°					
DIM.OP	0-10V/1-10V/DALI					
VOLTAGE	DC48V					
LIFETIME	50000 hours					
WARRANTY	5 YEARS					

Luminaire effective average illumination diagram



RL-TL1026



RL-TL1026-3W



RL-TL1026-5W



RL-TL1026-7W



RL-TL1026-10W

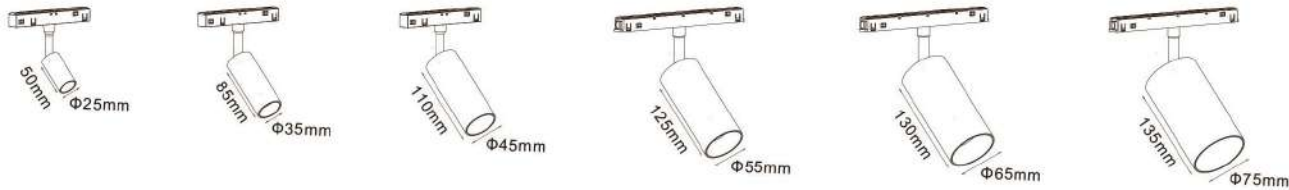


RL-TL1026-15W



RL-TL1026-20/23W

Dimension(MM)



RL-TL1026-3W RL-TL1026-5W RL-TL1026-7W RL-TL1026-10W RL-TL1026-15W RL-TL1026-20/23W



Parameters(MM)

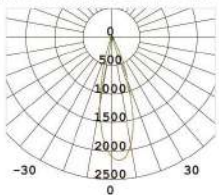
MODEL NO.	RL-TL-1026					
POWER	3W	5W	7W	10W	15W	20/23W
HOUSING COLOR	BLACK/WHITE/CUSTOMIZED					
IP RATE	IP20					
SMART DIMMING	YES					
LIGHT SOURCE LUMENS	≥100LM/W					
CCT	3000K/4000K/6000K/DIMMABLE & CCT ADJUSTABLE/CUSTOMIZED					
RA	≥90/FULL SPECTRUM					
BEAM ANGLE	15°/24°/38°					
LIGHT SOURCE	OSRAM/CREE/BRIGELUX/LUMILEDS					
VOLTAGE	DC48V					
LIFETIME	50000 hours					
WARRANTY	5 YEARS					
DIM.OP	0-10V/1-10V/DALI					

CCT Compare Image



Photometric diagrams

Beam Angle:24°
Useful Lumens:620.457 lm@ 7W



RL-TL-PNT



RL-TL-PNT-10W-C



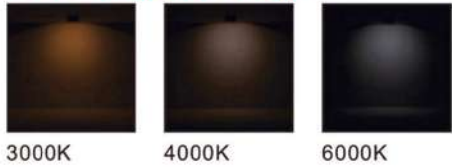
RL-TL-PNT-10W-RD



Parameters(MM)

MODEL NO.	RL-TL-PNT-10W-C	RL-TL-PNT-10W-RD
POWER	10W	10W
HOUSING COLOR	BLACK	BLACK
CCT	3000K/4000K/6000K/CCT ADJUSTABLE	3000K/4000K/6000K/CCT ADJUSTABLE
BEAM ANGLE	36°	36°
SIZE	Ø85*H220MM	Ø100*H85MM
INPUT VOLTAGE	48V	48V
LED CHIPS	OSRAM	OSRAM
LIFETIME	50000 hours	50000 hours
WARRANTY	5 YEARS	5 YEARS
DIM.OP	0-10V/1-10V/DALI	

CCT Compare Image

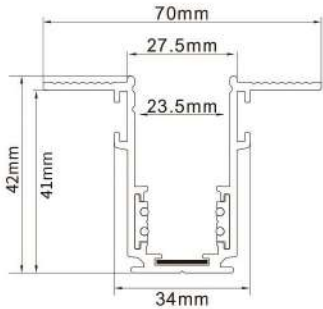


RL-TR

- The track uses fully aluminum design;
- Double-sided with a thickness of 2.0mm, ultra-strong profile for maximum resistance against compression and deformation;
- Four 2.0mm diameter copper wires ensure lifetime conductivity with no adverse effects;
- Four-wire conductive design adaptable to various wired intelligent control systems;
- Double-sided splicing design for super long distances without bending;
- Customizable surface color to complement a range of decorative color schemes;
- Variety of corner accessories for unlimited design possibilities in any space;

Dimension(MM)

MODEL NO.	RL-TR-1M	RL-TR-2M	RL-TR-3M
INSTALLATION	RECESSED		
SIZE	W70*H42MM*1M/2M/3M		
LENGTH	L1000/2000/3000mm		
MATERIAL	ALUMINUM		
COLOR	BLACK/WHITE/CUSTOMIZED		
IP RATE	IP20		
DIM.OP	0-10V/1-10V/DALI		



Accessories(MM)

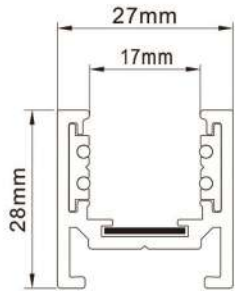


RL-TR-SM/H

- The track uses fully aluminum design;
- Double-sided with a thickness of 2.0mm, ultra-strong profile for maximum resistance against compression and deformation;
- Four 2.0mm diameter copper wires ensure lifetime conductivity with no adverse effects;
- Four-wire conductive design adaptable to various wired intelligent control systems;
- Bottom splicing design, super distance does not bending;
- Customizable surface color to complement a range of decorative color schemes;
- Variety of corner accessories for unlimited design possibilities in any space;

Dimension(MM)

MODEL NO.	RL-TR-SM/H1M	RL-TR-SM/H2M	RL-TR-SM/H3M
INSTALLATION	SURFACE MOUNTED/SUSPENDED		
SIZE	W27*H28MM*1M/2M/3M		
LENGTH	L1000/2000/3000mm		
MATERIAL	ALUMINUM		
COLOR	BLACK/WHITE/CUSTOMIZED		
IP RATE	IP20		
DIM.OP	0-10V/1-10V/DALI		



Accessories(MM)



Accessories



Parameters

MODEL NO.	SIZE	COLOR
RL-TR-LRAIL	100*100mm/69*47mm	Black/White
RL-TR-CONNECT	10mm*50mm	
RL-TR-DR-150W	23mm*230mm	
RL-TR-ENDCAP	27mm*52mm	
RL-TR-SUSP	2m	
RL-TR-ADAPT	18mm*19mm	
RL-TR-LRAIL-S	100*100mm/27*28mm	
RL-TR-ADAPT90	90mm*90mm	
RL-TL-INADAPT	L90mm	

LED TRACK LIGHT



V
JEWELLERY
RACH. I. E. N. DO VINE

097 889844
097 822275



RL-NWTRK-1M/2M/3M
thickened aluminumHigh quality and safe.
Available in black and white.
Three specifications: 1M, 2M, and 3M.



Joint Accessories



"—" type connector "L" type connector



Usage effect
"—" type connector



Usage effect
"L" type connector



RL-TR1416-SERIES
Adjustable Track Spotlight

Aperture adjustable from 10° to 60°;
with freely variable zoom and precise lighting;
meeting the illumination needs of various scenes.

Adjustable angle

70LM/W

Warranty

100-240V

10°-60°

IP20

50,000H

0-10V/1-10V/
DALI

Size(MM)



Parameters

Model No.	RL-TR1416-SERIES		
Power	15W	24W	35W
Size(MM)	Ø55*130	Ø65*150	Ø85*175
Lumens	70LM/W		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/ Black		
Beam Angle	10°-60°		
Chip	COB		
CRI	>90		
PF	0.95		
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		

Rotary focus with markings, more intuitive.

10°-60° adjustable aperture, meeting your lighting needs.



Focus Scale

Different scales represent different aperture sizes, making it easier to remember and adjust, and providing more convenient lighting.



Adjusting the focus produces different lighting effects.

The rotating lamp head allows you to adjust the lighting effect, suitable for various environments, with spotlight/diffuse light adjustable according to actual needs.





RL-TR1414-SERIES

LED Track Light

COB spotlight with condensing track;
Adjustable;Precise focusing; Fast heat dissipation;
High brightness and durable.


Adjustable
angle


100LM/W


Warranty


100-240V


15° 24°36°


IP20


50,000H


0-10V/1-10V/
DALI

RL-TR1415-SERIES

LED Track Light

COB spotlight with condensing track;
Adjustable;Precise focusing; Fast heat dissipation;
High brightness and durable.


Adjustable
angle


100LM/W


Warranty


100-240V


15° 24°36°55°


IP20


50,000H

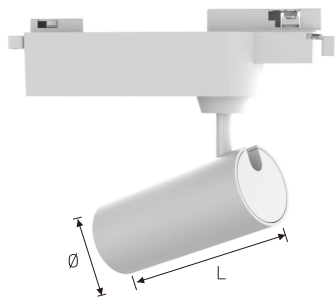

0-10V/1-10V/
DALI

Parameters

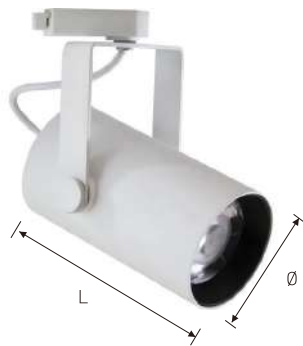
Model No.	RL-TR1414-SERIES		
Power	15W	24W	35W
Size(MM)	Ø50*120*H123	Ø60*140*H145	Ø75*150*H168
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/ Black		
Beam Angle	15° 24°36°		
Chip	COB		
CRI	>90		
PF	0.95		
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



Size(MM)



Size(MM)



Parameters

Model No.	RL-TR1415-SERIES		
Power	15W	20W	30W
Size(MM)	Ø50*120*H123	Ø70*150*H123	Ø75*150*H123
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/ Black		
Beam Angle	15° 24°36°55°		
Chip	COB		
CRI	>90		
PF	0.95		
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



RL-TR1417-SERIES
LED Track Light

COB spotlight with condensing track;
Adjustable;Precise focusing; Fast heat dissipation;
High brightness and durable.

Adjustable
angle

100LM/W

Warranty

100-240V

15° 24°36°

IP20

50,000H

0-10V/1-10V/
DALI

Black style



Size

Parameters

Model No.	RL-TR1417-SERIES		
Power	15W	25W	35W
Size(MM)	Ø58*138	Ø74*160	Ø90*180
Lumens	100LM/W		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
Material	Aluminium / PC		
Colour	White/ Black		
Beam Angle	15° 24°36°		
Chip	COB		
CRI	>90		
PF	0.95		
Driver	Included		
Voltage	100-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		



Product Features

- 1.Iron lamp body,
durable and long-lasting
- 2.Honeycomb highlight lampshade,
bright and comfortable

RL-TR1418-SERIES
Industrial Style Honeycomb Track Light

Size



Parameters

Model No.	RL-TR1418-SERIES	
Power	GU10 LIGHT SOURCE	
Size(MM)	95*85*H150	95*100*H150
COL. TEMP	3000K/4000K/6500K	
Adjustable	YES	
PF	0.5	
Driver	Included	
Voltage	100-240V	
IP Rating	IP20	
Life	50000 hours	
Warranty	5 Years	

3.Lights Off Effect



4.The glowing effect after removing
the honeycomb

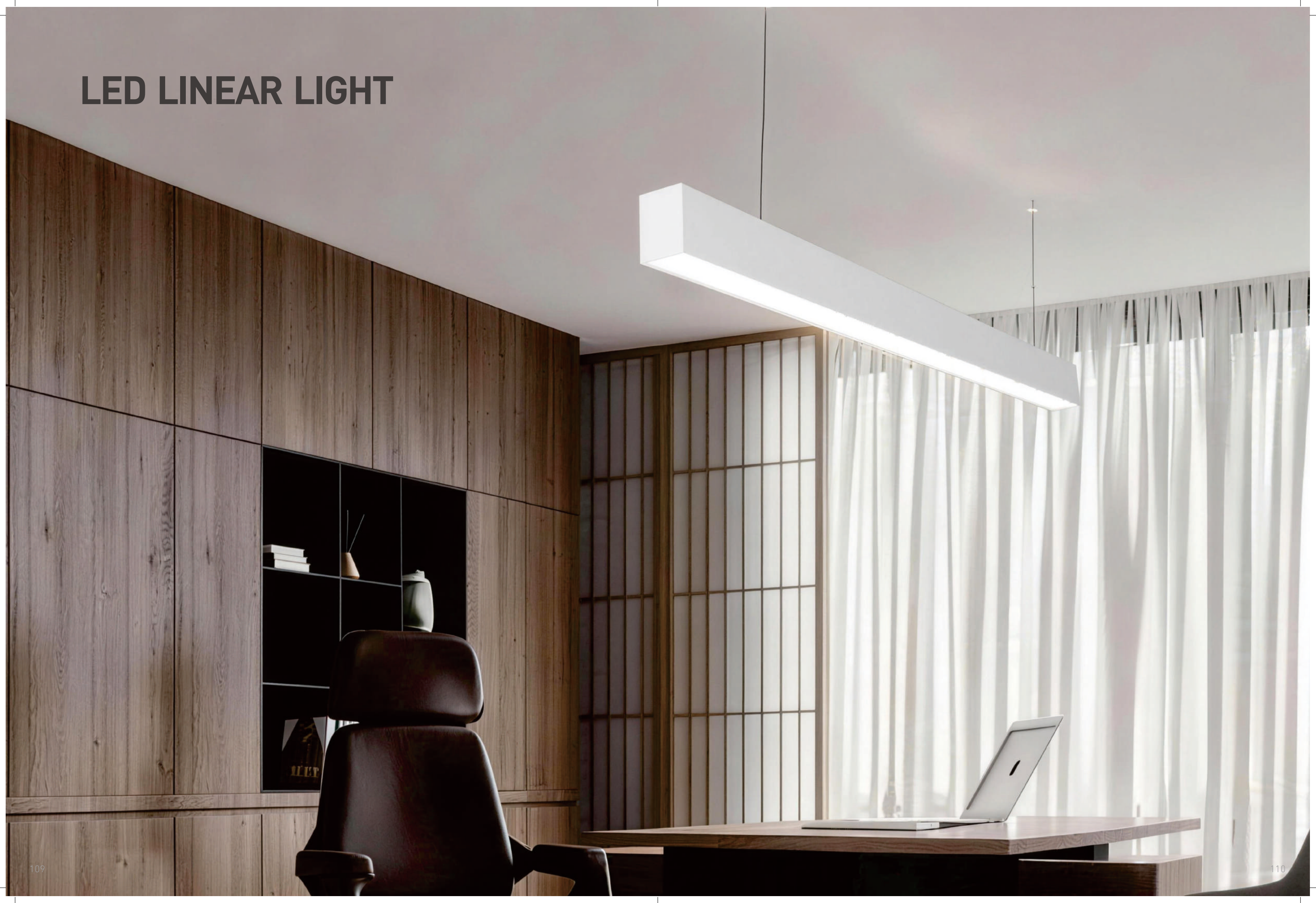


ACCESSORIES

	Model No.	Product Name
	RL-TS001	Suspension kit 1 mtr rod
	RL-TC-L	L connector
	RL-TC-X	X connector
	RL-TPWR-1	Power connector for single phase
	RL-TMPOW	Middle power connector

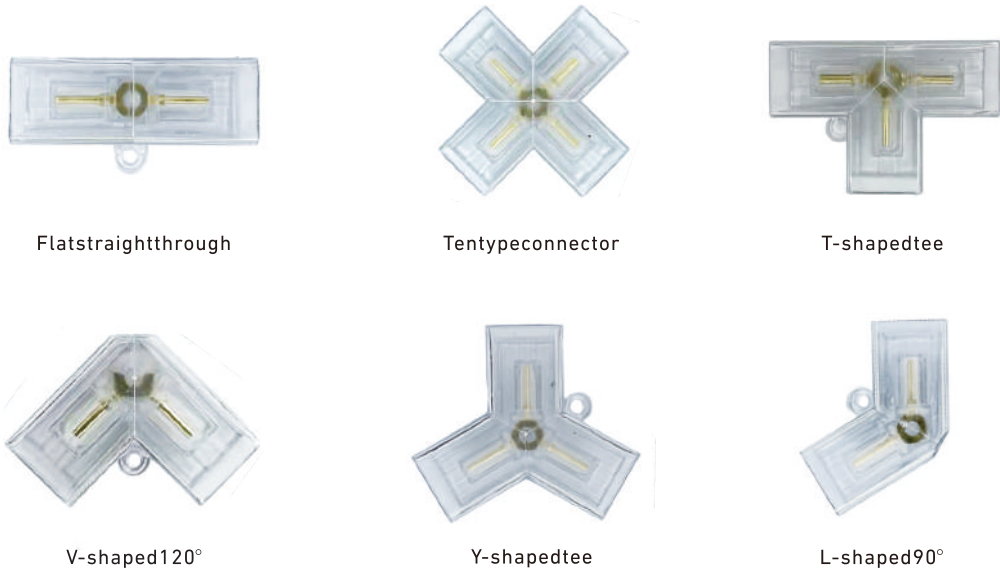
	Model No.	Product Name
	RL-TS002	Suspension kit 1.5 mtr wire
	RL-TC-T	T connector
	RL-TC-I	Join connector
	RL-TPWR-3	Power connector for three phase
	RL-TL-END	End caps for single & three phase

LED LINEAR LIGHT





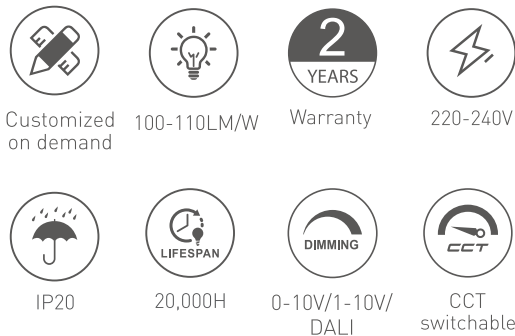
Adapter | Variety Of Forms, diverse Joining Methods



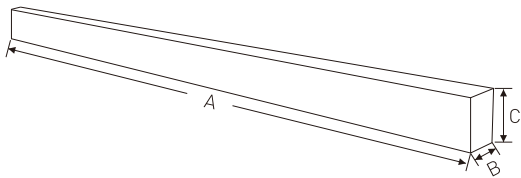
RL-LIN-SS-SERIES
LED linear light

Five-sided emitting,
three-proofing strip light.
Customizable combination shapes
according to customer needs.

This linear light adopts a dual-wire power supply
and a direct-plug design, allowing for customization
of various shapes according to customer needs.
It can be used for both ceiling and suspended ceiling
installation, suitable for multiple scenarios.



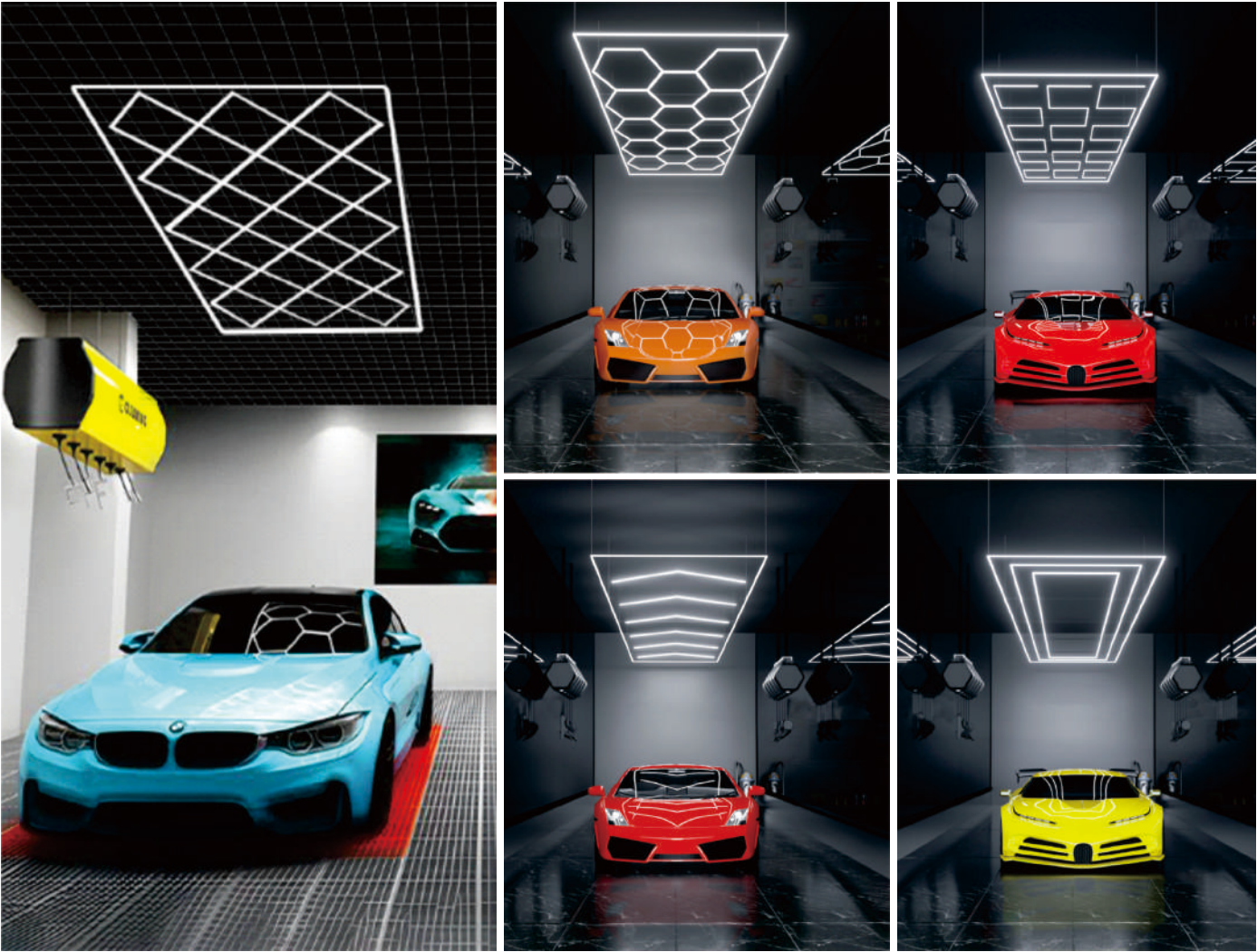
Size



Parameters

Model No.	RL-LIN-SS-SERIES	
Power	7W	16W
Size(MM)	440*22*35	1175*22*35
Lumens	100-110LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
Adjustable	NO	
Material	PC	
Colour	White	
Chip	SMD	
CRI	>80	
PF	0.5	
Driver	Included	
Voltage	220-240V	
IP Rating	IP20	
Life	20000 hours	
Warranty	2 Years	
DIM. OP	0-10V/1-10V/DALI	

Example of Use Effect





RL-LIN-REC-SERIES
Embedded linear light

Multiple specifications are available for selection;
length can be customized according to customer needs.

Seamless integration creates a more aesthetically
pleasing appearance,
It is highly suitable for creating high-end
commercial spaces.



Customized
on demand



80LM/W



Warranty



220-240V



IP20



50,000H



0-10V/1-10V/
DALI



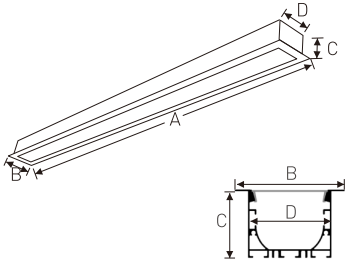
CCT
switchable

Parameters

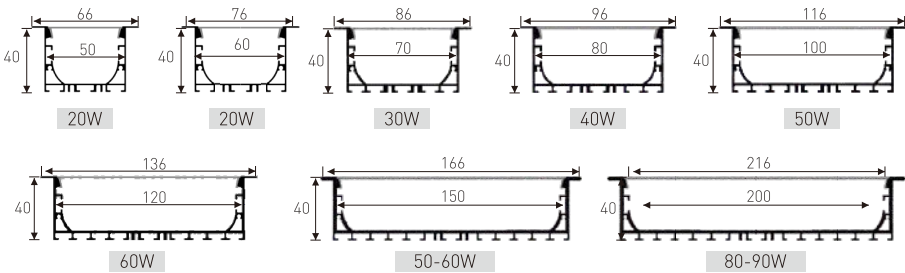
Model No.	RL-LIN-REC-50W
Flux(LM)	80LM/W
DIM. OP	0-10V/1-10V/DALI
PF	0.95
COL. TEMP	3000K/4000K/6500K/CCT
Material	Aluminium/PC
Colour	White/Black
Chip	SMD
CRI	80
Driver	Included
Adjustable	NO
Voltage	220-240V
IP	IP20
Life	50000 hours
Warranty	5 Years



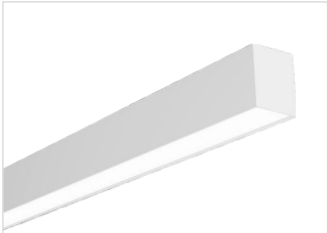
Size



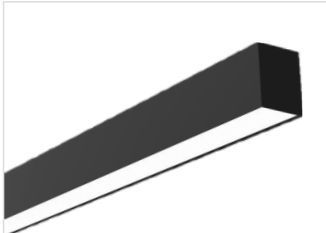
Product cross-sectional dimensions(MM)
(Customizable length)



Power	20W	20W	30W	40W	50W	60W	50-60W	80-90W
Size(MM) (A*B*C)	1000*66*35	1000*76*40	1000*86*40	1000*96*40	1000*116*40	1000*136*40	1000*166*40	1000*216*40
Cutout(A*D*C)	1000*50*35	1000*60*40	1000*70*40	1000*80*40	1000*100*40	1000*120*40	1000*150*40	1000*200*40



White



Black

RL-LIN1200-SERIES
RL-LIN3030-18W
RL-LIN3010-30W

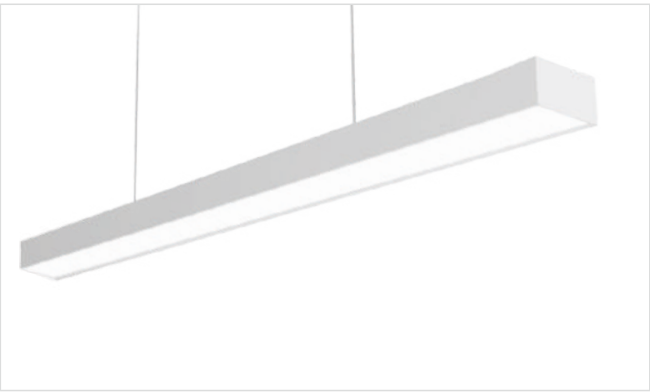
Surface/ Suspended Linear Light
length can be customized according to customer needs.

- Customized on demand
- Sealing design
- Warranty
- 220-240V
- IP20
- 50,000H
- 0-10V/1-10V/ DALI
- Easy Installation



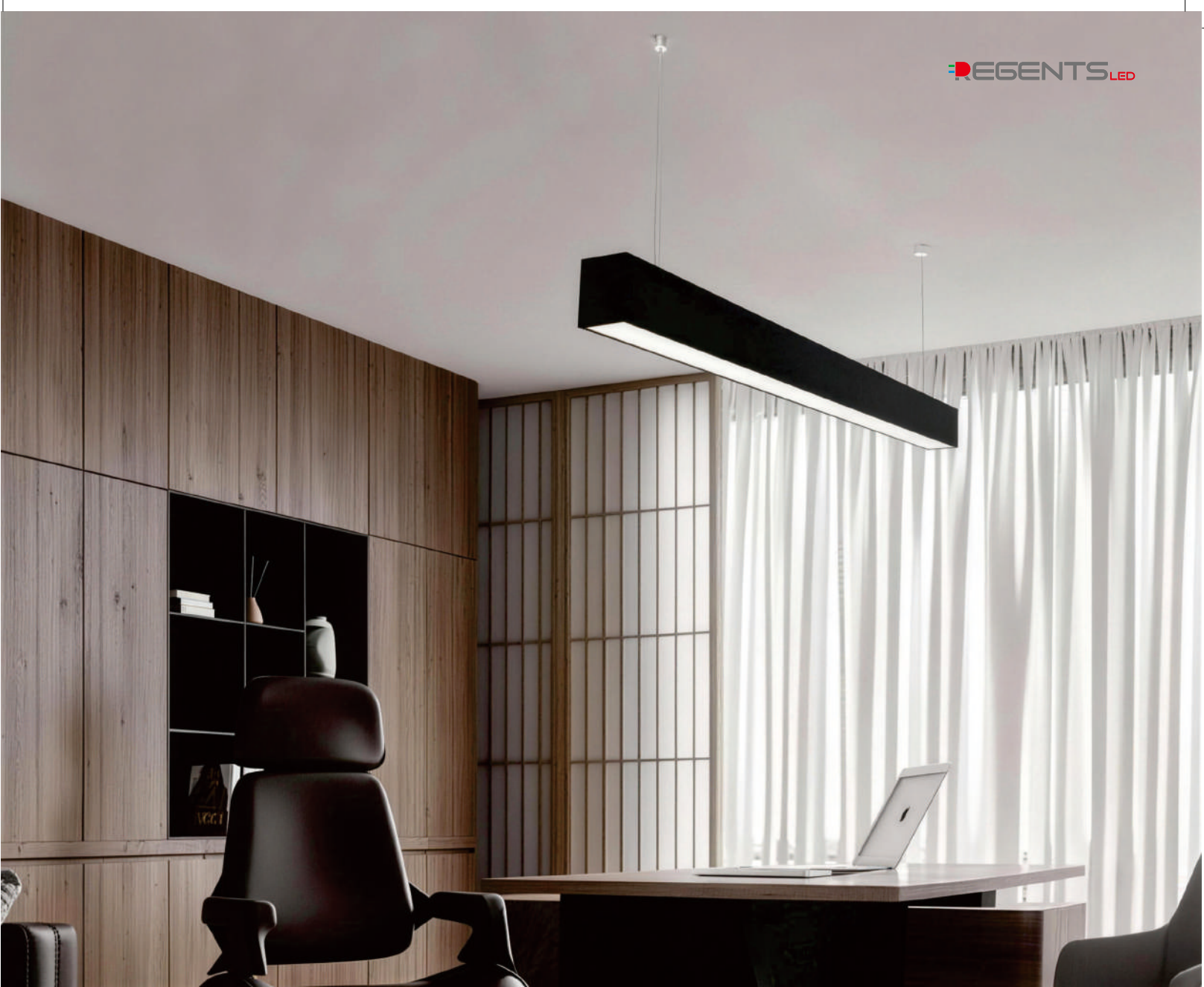
RL-LIN3030-18W

length can be customized according to customer needs.

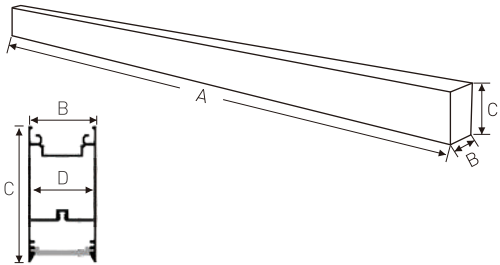


RL-LIN3010-30W

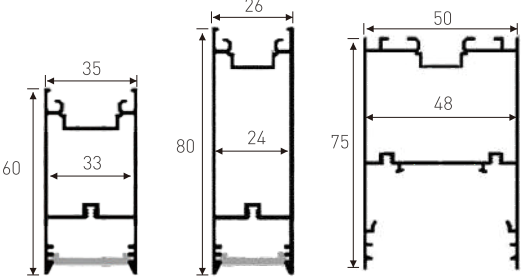
Surface/ Suspended Linear Light
length can be customized according to customer needs.



Size(MM)



Product cross-sectional dimensions(MM)
(Customizable length)



RL-LIN1200-SERIES

RL-LIN3030-18W

RL-LIN3010-30W

Parameters

Model No.	RL-LIN1200-SERIES	RL-LIN3030-18W	RL-LIN3010-30W
Size(MM)(A*B*C)	1200*35*60	1200*26*80	1200*50*75
Power	36W	24W	30W
Lumens	80LM/W	70LM/W	80LM/W
COL. TEMP	3000K/4000K/6500K/CCT	3000K/4000K/6500K	3000K/4000K/6500K
DIM. OP	/	/	0-10V/1-10V/DALI
Adjustable	NO		
Material	Aluminium / PC		
Chip	SMD		
CRI	80		
PF	0.95		
Driver	Included		
Voltage	220-240V		
IP Rating	IP20		
Life	50000 hours		
Warranty	5 Years		

A modern office interior featuring a large conference table, ergonomic chairs, and a glass-walled lounge area. Three large, rectangular LED panel lights hang from the ceiling, illuminating the space. The room has a clean, minimalist aesthetic with a mix of neutral and vibrant colors.

LED PANEL LIGHT

RL-PNL2684-RD-SERIES
Led Panel Light

This Round Slim LED Down Light with SMD LED and internal driver.
Both Recessed(32mm) and Suraced Mounted(35mm)versions are available.
Waterproof can upgrade to Ip44.
CCT Changeable by dip switch.

- 

DIMMING



80Lm/W



3 YEARS
Warranty



185-265V



IP20/IP44



120°



30,000H



Easy Installation



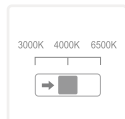
CCT switchable



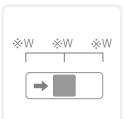
Power switchable



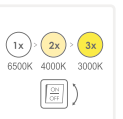
RL-PNL2684-RD-SM
Led Panel Light

- 

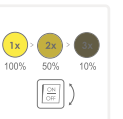
CCT Changeable



Power Changeable



ON/OFF CCT Changeable



ON/OFF Dimmable



Dimmable



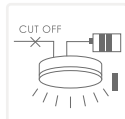
RGB



WiFi + Bluetooth



Bluetooth Mesh



Emergency



Microwave Sensor

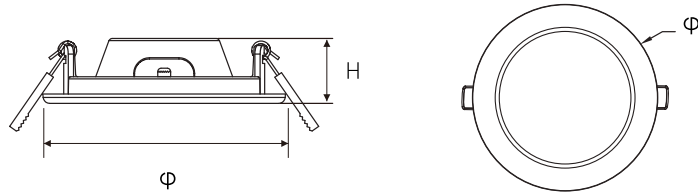


▲ 2-in-1 design.It can be installed on the surface mounting or recessed



◀ Various function, including CCT change+ Power Adjustable by dip switch

Size



Parameters

Model No.	RL-PNL2684-RD-SERIES					RL-PNL2684-RD-SM				
Power	6W	12W	18W	20W	24W	6W	12W	18W	20W	24W
Size (MM)	Ø115*32	Ø170*32	Ø220*32	Ø240*32	Ø240*32	Ø120*35	Ø176.5*35	Ø226*35	Ø246.5*35	Ø246.5*35
Cutout	110-110	150-160	200-210	220-230	220-230	/				
Flux(LM)	390	900	1350	1500	2050	390	900	1350	1500	2050
Flux(LM) (module)	525	1190	1880	2106	2560	525	1190	1880	2106	2560
PF	≥0.7	≥0.7	≥0.8	≥0.8	≥0.8	≥0.7	≥0.7	≥0.8	≥0.8	≥0.8
COL. TEMP	3000K/4000K/6500K/CCT									
Material	PC									
Colour	White/Black									
Beam angle	120 °									
CRI	80									
Energy Class	F									
Voltage	185-265V									
IP	IP20/ IP44									
DIM. OP	0-10V/1-10V/DALI									

RL-PNL2684-SQ-SERIES
Led Panel Light

This Square Slim LED Down Light with SMD LED and internal driver.
Both Recessed(32mm) and Surfaced Mounted(35mm)versions are available.
Waterproof can upgrade to Ip44.
CCT Changeable by dip switch.

RL-PNL2684-SQ-SM
Led Panel Light



black style

DIMMING
0-10V/1-10V/
DALI

80Lm/W

3
YEARS
Warranty

185-265V

IP20/IP44

120°

30,000H

Easy
Installation

CCT
switchable

POWER
switchable



Optional Remote Controller



3000K 4000K 6500K
CCT Changeable

W W W
Power Changeable

1x 2x 3x
6500K 4000K 3000K
ON/OFF CCT Changeable

100% 50% 10%
ON/OFF Dimmable

Dimmable

RGB

WiFi + Bluetooth

Bluetooth Mesh

CUT OFF
Emergency

5.8G
Microwave Sensor

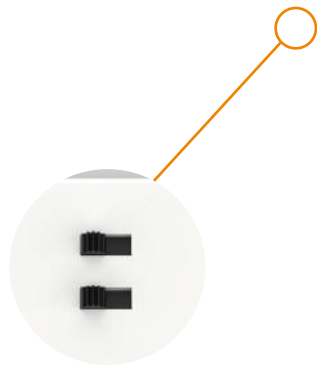


Recessed

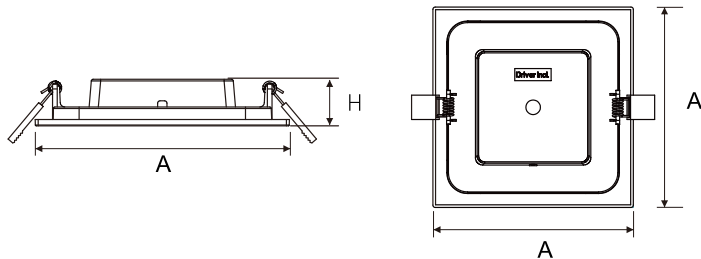
Surfaced

▲ 2-in-1 design.It can be installed on the surface mounting or recessed

◀ Various function, including CCT change+ Power Adjustable by dip switch



Size



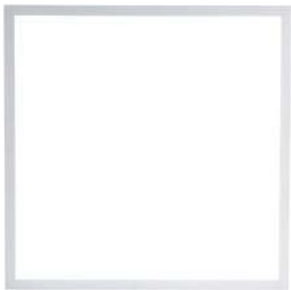
Parameters

Model No.	RL-PNL2684-SQ-SERIES					RL-PNL2684-SQ-SM				
Power	6W	12W	18W	20W	24W	6W	12W	18W	20W	24W
Size (MM)	115*115*32	165*165*32	220*220*32	220*220*32	220*220*32	122*122*35	172*172*35	227*227*35	227*227*35	227*227*35
Cutout	110-110	150-160	200-210	220-210	220-210	/				
Flux(LM)	390	900	1350	1500	2050	390	900	1350	1500	2050
Flux(LM) (module)	525	1190	1880	2106	2560	525	1190	1880	2106	2560
PF	≥0.7	≥0.7	≥0.8	≥0.8	≥0.8	≥0.7	≥0.7	≥0.8	≥0.8	≥0.8
COL. TEMP	3000K/4000K/6500K/CCT									
Material	PC									
Colour	White/Black									
Beam angle	120 °									
CRI	80									
Energy Class	F									
Voltage	185-265V									
IP	IP20 / IP44									
DIM. OP	0-10V/1-10V/DALI									



RL-PNL2661 SERIES
— LED Slim Panel Light

This square LED slim panel light is designed for embedded installation, Adopt SMD LED, with built-in driver.
Large luminous area, light weight and easy to install.
The waterproof rating can be upgraded to Ip65,
The color temperature can be adjusted via a DIP switch.



RL-PNL2661 SERIES
LED Panel Light



RL-PNL2761 SERIES
LED Panel Light



RL-PNL2762 SERIES
LED Panel Light



RL-PNL2763 SERIES
LED Panel Light

- 

DIMMING
- 

110Lm/W
- 

5 YEARS
Warranty
- 

100-240V
- 

IP20/IP44/IP65
- 

Dustproof
- 

mosquito-
proof
- 

-30°C~+45°C
- 

120°
- 

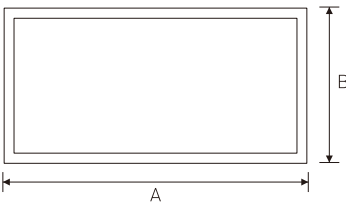
50,000H
- 

Easy
Installation
- 

CCT
switchable



Size(MM)



Parameters

Model No.	RL-PNL2661 SERIES	RL-PNL2761 SERIES	RL-PNL2762 SERIES	RL-PNL2763 SERIES
Power	40W/48W	24W/36W	40W/48W	72W/80W
Size (MM)	595*595	595*295	1195*295	1195*595
Beam Angle	120°			
Lumens	110LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PS			
Colour	White			
Chip	SMD			
CRI	>80			
PF	0.95			
Driver	Included			
Voltage	100-240V			
IP Rating	IP20/IP44/IP65			
Life	50000 hours			
Warranty	5 Years			



RL-PNL2662-SERIES
LED Aluminum Clip-in Grid Panel Light

This panel light uses high-quality LED sources and premium aluminum material. It features a simple, slim design, is stain-resistant and easy to clean, and provides soft, comfortable, and long-lasting bright light.



DIMMING

0-10V/1-10V/
DALI



100Lm/W



5
YEARS
Warranty



100-240V



IP20/IP44



Dustproof



mosquito-
proof



-30°C~+45°C



15° 24°36°55°



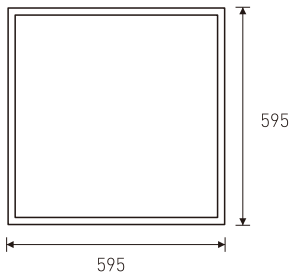
50,000H



Easy
Installation



CCT
switchable



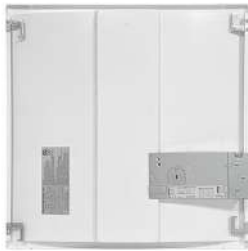
Parameters

Model No.	RL-PNL2662-SERIES
Power	30W/40W
Lumens	100LM/W
COL. TEMP	3000K/4000K/6500K/CCT
DIM. OP	0-10V/1-10V/DALI
Adjustable	NO
Material	Aluminium / PS
Colour	White
Beam Angle	15° 24°36°55°
Chip	SMD
CRI	>80
PF	0.95
Driver	Included
Voltage	100-240V
IP Rating	IP20/IP44
Life	50000 hours
Warranty	5 Years

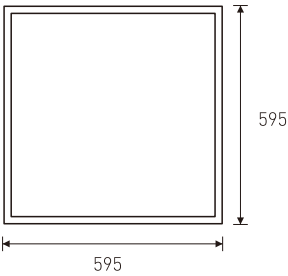




Front View



Back View



RL-PNL2664-SERIES

LED Panel Light

Diffuse reflection space light panel at air conditioning outlet

This LED panel light uses SMD LED and has a built-in driver. It is easy to install, and has a wide range of applications. The waterproof rating can be upgraded to Ip44, and the color temperature can be adjusted via a DIP switch.



0-10V/1-10V/
DALI



120LM/W



Warranty



100-240V



IP20/IP44



Dustproof



mosquito-
proof



-30°C~+45°C



110°



50,000H



Easy
Installation



CCT
switchable

Parameters

Model No.	RL-PNL2664-SERIES
Power	30/40W
Lumens	120LM/W
COL. TEMP	3000K/4000K/6500K/CCT
DIM. OP	0-10V/1-10V/DALI
Adjustable	NO
Material	Aluminium / PS
Colour	White
Beam Angle	110°
Chip	SMD
CRI	>90
PF	0.95
Driver	Included
Voltage	100-240V
IP Rating	IP20/IP44
Life	50000 hours
Warranty	5 Years





RL-PNL2670 SERIES
Embedded Flat Panel Light

This LED panel light is of an embedded installation style, Adopting SMD LED with built-in driver. The light is bright yet not glaring, energy-efficient, and durable. The waterproof level can be upgraded to IP65, making it dust and insect proof, Suitable for various occasions such as the kitchen, bathroom, etc.



RL-PNL2670 SERIES
LED Panel Light



RL-PNL2671 SERIES
LED Panel Light



RL-PNL2672 SERIES
LED Panel Light



RL-PNL2673 SERIES
LED Panel Light

DIMMING
0-10V/1-10V/
DALI

130Lm/W

5
YEARS
Warranty

100-240V

IP20/IP44/IP65

Dustproof

mosquito-
proof

-30°C~+45°C

120°

LIFESPAN
50,000H

Easy
Installation

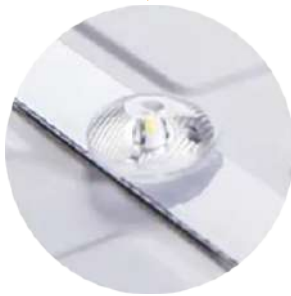
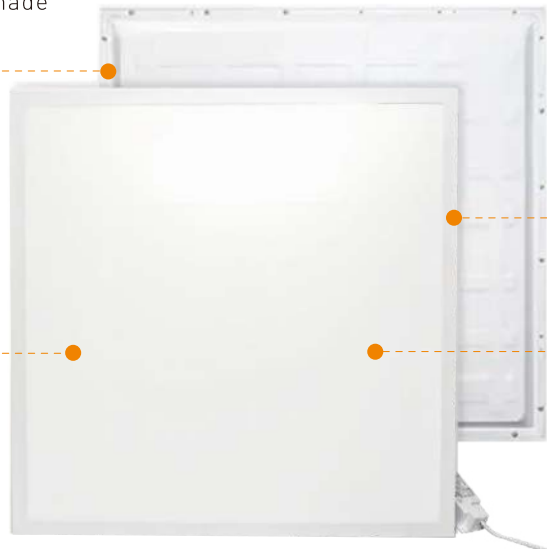
CCT
switchable



Straight-emitting
PS High Transmittance Lampshade



PS High Transmittance Lampshade
310G Metal Frame

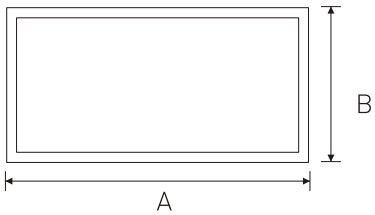


SMD LED Chips



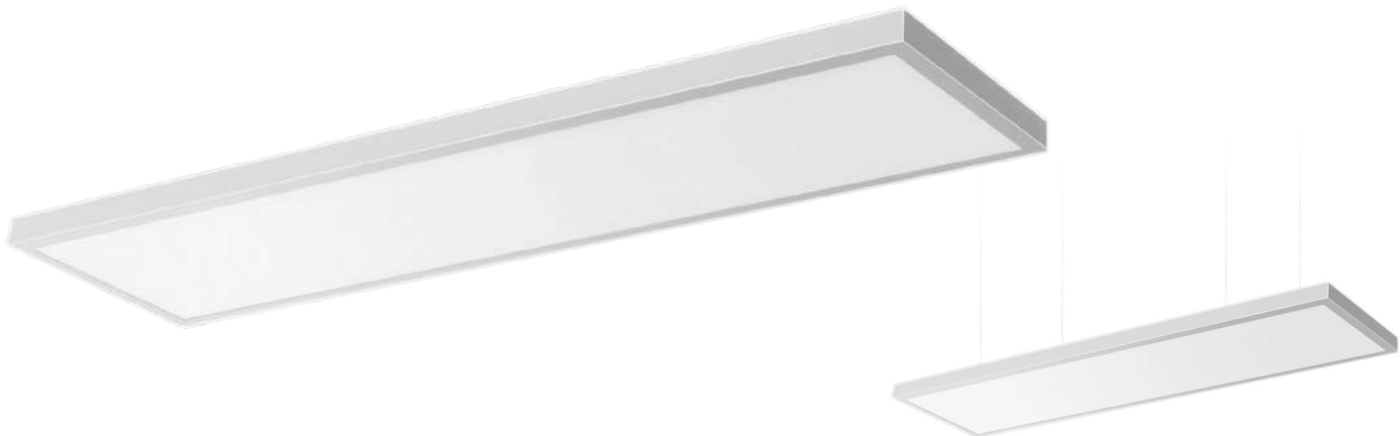
PMMA Optical Lens
110LM/W

Size(MM)



Parameters

Model No.	RL-PNL2670 SERIES	RL-PNL2671 SERIES	RL-PNL2672 SERIES	RL-PNL2673 SERIES
Power	40W/48W	24W/36W	40W/48W	80W/96W
Size (MM)	600*600	595*295	1195*295	1195*595
Beam Angle	120°			
Lumens	130LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
Material	Aluminium / PS			
Colour	White			
Chip	SMD			
CRI	>80			
PF	0.95			
Driver	Included			
Voltage	100-240V			
IP Rating	IP20/IP44/IP65			
Life	50000 hours			
Warranty	5 Years			



▲ Ceiling-mounted style

▲ Pendant style

RL-PNL2663-SERIES

Ultra-thin Large Screen
LED Surface-mounted Panel Light

This panel light features a slim design and smooth lines, and can be installed either flush with the ceiling or suspended; it is made with high-quality LED chips, offering good luminous efficiency, low light decay, durability, and energy savings, making it suitable for various settings.

DIMMING
0-10V/1-10V/
DALI

120LM/W

5
YEARS
Warranty

100-240V

IP20/IP44/IP65

Dustproof

mosquito-
proof

-30°C~+45°C

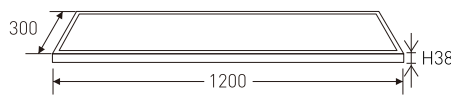
120°

LIFESPAN
50,000H

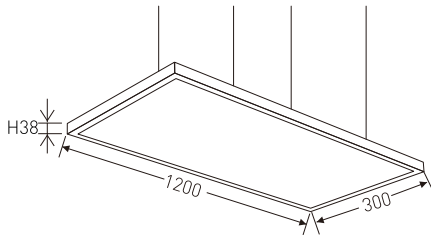
Easy
Installation

CCT
switchable

Size(MM)



RL-PNL2663-SM-SERIES



RL-PNL2663-PN-SERIES

Parameters

Model No.	RL-PNL2663-SM-SERIES	RL-PNL2663-PN-SERIES
Size(MM)	1200*300*H38	1200*300*H38
Power	40W/48W/60W	
Lumens	120LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
DIM. OP	0-10V/1-10V/DALI	
Adjustable	NO	
Material	Aluminium / PS	
Colour	White	
Beam Angle	120°	
Chip	SMD	
CRI	>90	
PF	0.9	
Driver	Included	
Voltage	100-240V	
IP Rating	IP20/IP44/IP65	
Life	50000 hours	
Warranty	5 Years	



RL-IPPN6331-SERIES
LED IP65 Embedded panel light

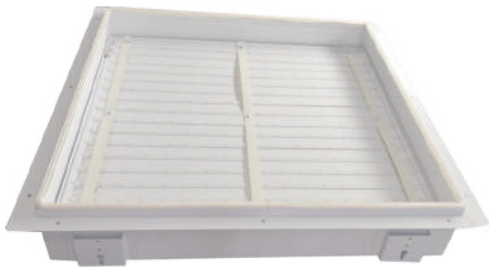
Direct-lit panel for enhanced economy and energy efficiency. Featuring a high-quality iron frame with rust-resistant coating, guaranteed for 8-10 years. Its matrix-arranged LED chips are optimally spaced from the diffusion board, delivering uniform, shadow-free illumination. Suitable for hospitals/food factories/clean rooms, etc.



Acrylic LED Diffuser



Iron Lamp Stand



SMD

- 

DIMMING

0-10V/1-10V/
DALI
- 

115LM/W
- 

5
YEARS
Warranty
- 

120-277V
- 

IP65
- 

Dustproof
- 

mosquito-
proof
- 

-30°C~+45°C
- 

160°
- 

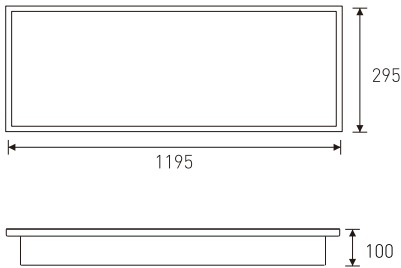
LIFESPAN
50,000H
- 

Easy
Installation
- 

CCT
switchable



Size



Parameters

Model No.	RL-IPPN6331-SERIES		
Power	40W	40W	60W
Size(MM)	600*600	1200*300	1200*600
Lumens	115LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
DIM. OP	0-10V/1-10V/DALI		
Material	Iron / Acrylic		
Colour	White		
Beam Angle	160°		
Chip	SMD		
CRI	>80		
PF	0.9		
Driver	Included		
Voltage	120-277V		
IP Rating	IP65		
Life	50000 hours		
Warranty	5 Years		

ACCESSORIES

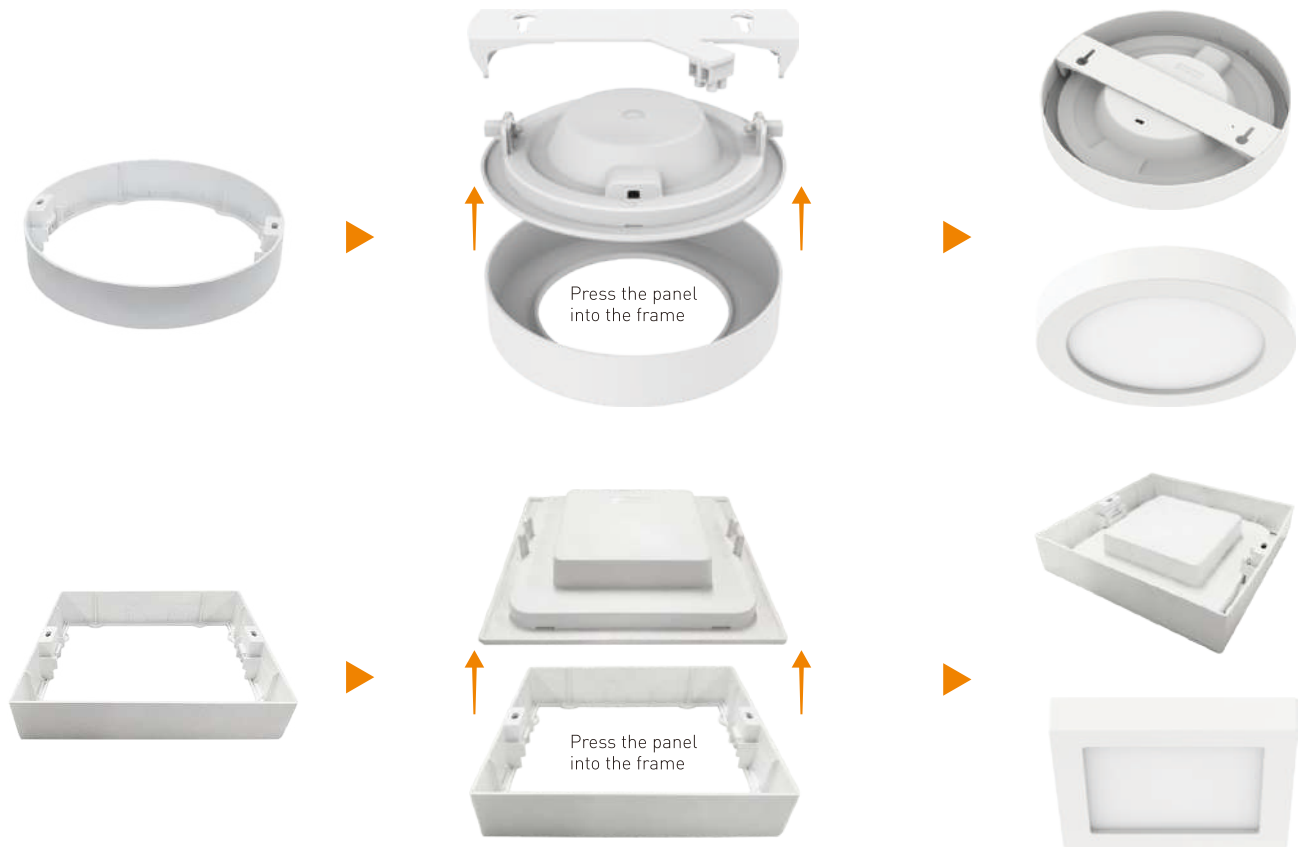
	Model No.	Applicable Products	Material	Colour	Warranty
	RL-SUR-KIT-SERIES	Surface mounting kit for all panels 60x30, 60x60, 120x30 & 120x60 with installation manual	Aluminium	White/ Grey	3 Years
	RL-SUS KIT	Suspended hanging kit for all panels 60x30, 60x60, 120x30 & 120x60 with installation manual	Stainless Steel	Stainless steel	3 Years
	RL-DAM-KIT-SERIES	Recessing dampa kit for all panels 60x30, 60x60, 120x30 & 120x60 with installation manual	Aluminium	Stainless steel	3 Years
	RL-REC KIT	Gypsum recessing clips kit for all panels 60x30, 60x60, 120x30 & 120x60 with installation manual	Stainless Steel	White/Grey	3 Years

	EM KIT ACC	All Panels 60x30, 60x60, 120x30 & 120x60 Fittings Driver Should Support For Emergency Kit Connection

Optional Surface Mount fittings

	Model No.	Applicable Products
	RL-SKIT-RD-2684-01	Surface Mount fittings for 3' D105 for 6W&8W
	RL-SKIT-RD-2684-02	Surface Mount fittings for 5' D155 for 12W & 16W
	RL-SKIT-RD-2684-03	Surface Mount fittings for 7' D205 for 18W & 20W
	RL-SKIT-RD-2684-04	Surface Mount fittings for 8' D225 for 22W & 24W
	RL-SKIT-SQ-2684-01	Surface Mount fittings for 3' D105 for 6W&8W
	RL-SKIT-SQ-2684-02	Surface Mount fittings for 5' D155 for 12W & 16W&18W
	RL-SKIT-SQ-2684-03	Surface Mount fittings for 7' D205 for 18W&20W&24W

Application Demonstration



ANTI-BACTERIAL LIGHT FITTINGS

RL-ABPN2661-66W-SM


CCT dimmable


Independent control


Timing of disinfection


Triple disinfection


Wireless control


0/1-10V/DALI


Warranty


High brightness

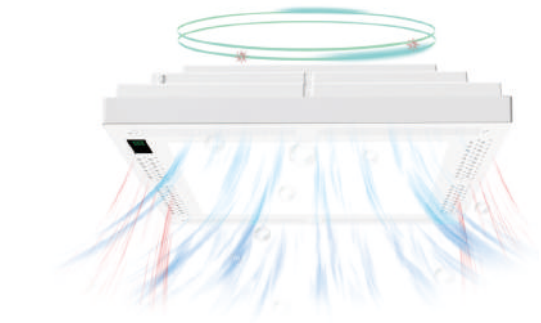

Easy installation


Efficient heat dissipation


20,000H

Parameters

Model No.	RL-ABPN2661-66W-SM
Size	600*600*150mm
Voltage	AC 220-240V
DIM. OP	0-10V/1-10V/DALI
CRI	Ra≥80
Wattage	Total Watt 66W; Panel Watt 30W
CCT	2700K-6500K
Lumen	3300lm
Applicable area	40m³/PC
Sterilization rate	>90%/2H
Noisy	≤60dB
Air volume	150³/H
Warranty	2 Years(Filter element replacement is not included)
UGR	YES
Flammability	TPA



Product features

Disinfection Light is a medical grade air disinfection product,which can effectively kill variety of bacteria and viruses in the air to purify the air, and reduce the risky of bacteria and virus transmission.Can meet the "Hospital disinfection hygiene standard(GB1598-2012)",applicable to outpatient clinics,fever clinics,wards,ICU,CDC etc.,Compared to the traditional UVC sterilization lamp,there is no need for people to move outside while disinfection light is working,and the disinfection will be last until light turned off.



RL-ABPN2661/2663/2664/2665/2666


Anti-bacterial


Low glare


Waterproof


Fireproof


0/1-10V/DALI


Warranty


High brightness


Easy installation

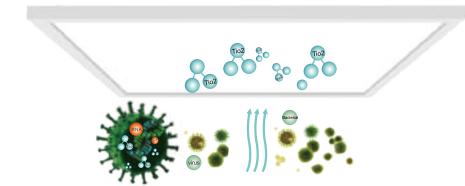

Efficient heat dissipation


50,000H



Parameters

Type	RL-ABPN2661-40W-REC	RL-ABPN2663-40W-REC	RL-ABPN2664-50W-REC	RL-ABPN2665-24W-REC	RL-ABPN2666-14W-REC
Size	595*595*11mm	295*1195*11mm	595*1195*11mm	295*595*11mm	295*295*11mm
Voltage	AC 220-240V				
DIM. OP	0-10V/1-10V/DALI				
Efficiency	100lm/W				90lm/W
Wattage	40W		50W	24W	14W
CCT	3000K/4000K/6500K				
Lumen	4000LM		5600LM	2400LM	1260LM
Disinfection rate	>70%/2H				
Warranty	5 Years				



By adding TiO2, it produces a new antibacterial, anti-fouling, deodorization and self-cleaning coating material; widely used in hospital ward, operating room, family bathroom and other bacterial place. It can produce a strong power of photooxidation and revivification, to catalyze and photolyse all kinds of organics and part of inorganic substances that coverson the surface, also the function of air clean.

ANTI-BACTERIAL LIGHT FITTINGS

RL-ABM-KPL-00400-30W


Safety and harmless


Broad-spectrum disinfection


High Ra


0/1-10V/DALI

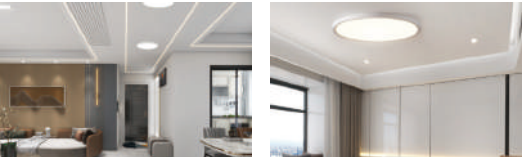

20,000H


Warranty


High brightness


Easy installation


Efficient heat dissipation



Parameters

Model No.	RL-ABM-KPL-00400-30W
Size	φ400*25mm
Voltage	AC185~265V
DIM. OP	0-10V/1-10V/DALI
Efficiency	90lm/W
Wattage	30W
CCT	3000K/4000K/6000K
Lumen	2700lm
Disinfection rate	>70%/2H
Warranty	3/5 Years


Warm


Natural


Cold



Ultra-thin body 2.5CM
Capable of meeting the installation requirements in various scenarios on low floors



Sealing design
Adopting integrated design, the light body and base are tightly integrated, prevent flying insects and dust from entering

RL-ABM-KPL03005/03006/05012/07015/08018


Anti-bacterial


Low glare


Fireproof


0/1-10V/DALI

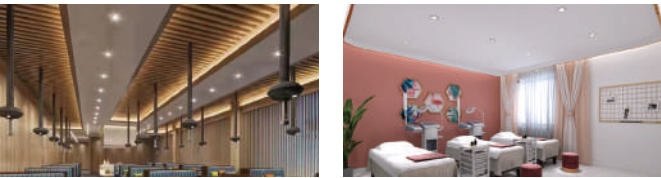

50,000H


Warranty


High brightness


Easy installation


Efficient heat dissipation



Parameters

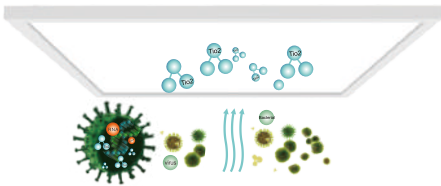
Type	RL-ABM-KPL03005	RL-ABM-KPL03006	RL-ABM-KPL05012	RL-ABM-KPL07015	RL-ABM-KPL08018
Size	φ105mm	φ120mm	φ175mm	φ190mm	φ225mm
Cut-Size	φ98mm	φ105mm	φ155mm	φ180mm	φ205mm
Voltage	AC 220-240V				
DIM. OP	0-10V/1-10V/DALI				
Efficiency	90lm/W				
Wattage	5W	6W	12W	15W	18W
CCT	3000K/4000K/6500K				
Lumen	450LM	540LM	1080LM	1350LM	1620LM
Warranty	5 Years				

3000k
4000k
6500k


Warm

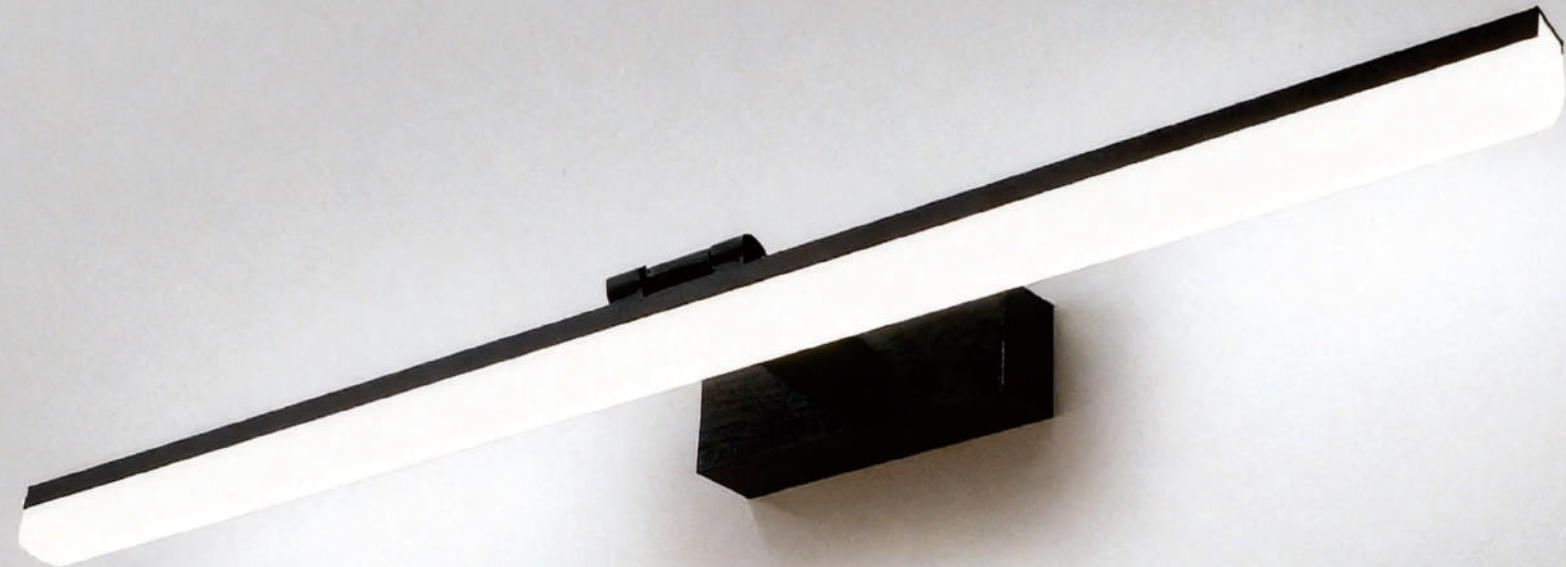

Cool


Daylight



By adding TiO2, it produces a new antibacterial, anti-fouling, deodorization and self-cleaning coating material; widely used in hospital ward, operating room, family bathroom and other bacterial place. It can produce a strong power of photooxidation and revivification, to catalyze and photolyse all kinds of organics and part of inorganic substances that coverson the surface, also the function of air clean.

LED MIRROR LIGHT





RL-MLSS40-6W
RL-MLSS60-9W
LED Mirror Light

Minimalist mirror headlights, LED light source, high brightness and anti-glare, waterproof and fog-proof, and anti-electric leakage.



DIMMING



80Lm/W



3/5 YEARS



220 - 240V



IP44



Dustproof



Mosquito-proof



-30°C~+45°C



Flicker-free



50,000H

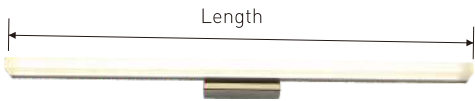


Easy Installation



CCT switchable

Size



Parameters

Model No.	RL-MLSS40-6W	RL-MLSS60-9W
Power	6W	9W
Lumens	80LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
Length	40cm	60cm
Dimmable	NO	
Housing	Die Cast Aluminium	
Diffuser	Frosted Opal	
Colour	Stainless Steel	
Lamp	LED	
Base	SMD	
CRI	80	
PF	0.5	
Driver	Integrated	
Voltage	220 - 240V	
IP Rating	IP44	
Life	50000 hours	
Warranty	3/5 Years	
DIM. OP	0-10V/1-10V/DALI	

RL-MLSW70
LED Mirror Light

Fashionable and minimalist mirror light, Featuring an aluminum body and exquisite baking paint craftsmanship,Rust and corrosion resistance, LED light source, uniform and flawless illumination, Waterproof and anti fog design, available in two lengths.



DIMMING



80LM/W



3/5 YEARS



220 - 240V



IP44



Dustproof



Mosquito-proof



-30°C~+45°C



Flicker-free



50,000H

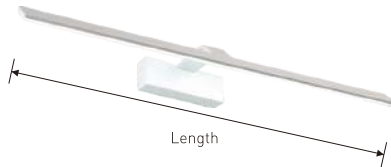


Easy Installation



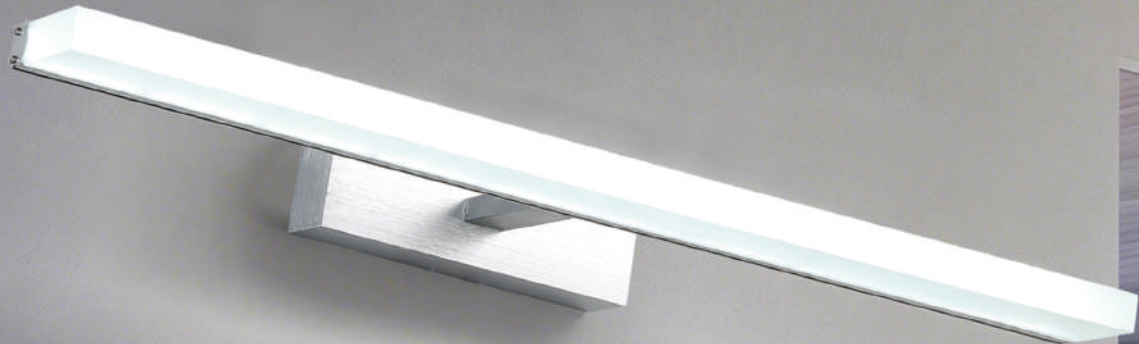
CCT switchable

Size



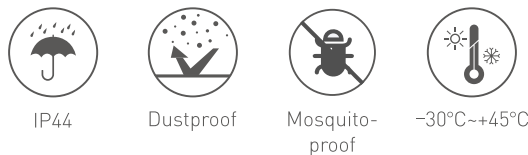
Parameters

Model No.	RL-MLSW70-6W	RL-MLSW70-8W	RL-MLSW70-12W
Power	6W	8W	12W/15W
Lumens	80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
Length	44cm	55cm	71cm
Dimmable	NO		
Housing	Die Cast Aluminium		
Diffuser	Frosted Opal		
Colour	Brushed Chrome		
Lamp	LED		
Base	SMD		
CRI	80		
PF	0.5		
Driver	Integrated		
Voltage	220 - 240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	3/5 Years		
DIM. OP	0-10V/1-10V/DALI		

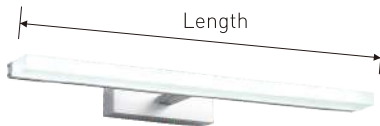


RL-ML30-5W
LED Mirror Light

Minimalist mirror headlights, LED light source, high brightness and anti-glare, waterproof and fog-proof, and anti-electric leakage.



Size



Parameters

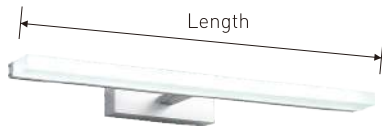
Model No.	RL-ML30-5W
Power	5W
Lumens	80LM/W
COL. TEMP	3000K/4000K/6500K/CCT
Length(cm)	30
Dimmable	NO
Housing	Die Cast Aluminium
Diffuser	Frosted Opal
Colour	Brushed Chrome
Lamp	LED
Base	SMD
CRI	80
PF	0.5
Driver	Integrated
Voltage	220 - 240V
IP Rating	IP44
Life	50000 hours
Warranty	3/5 Years
DIM. OP	0-10V/1-10V/DALI

RL-ML50-8W
LED Mirror Light

Minimalist mirror headlights, LED light source, high brightness and anti-glare, waterproof and fog-proof, and anti-electric leakage.



Size



Parameters

Model No.	RL-ML50-8W
Power	8W
Lumens	80LM/W
COL. TEMP	3000K/4000K/6500K/CCT
Length(cm)	50cm
Dimmable	NO
Housing	Die Cast Aluminium
Diffuser	Frosted Opal
Colour	Brushed Chrome
Lamp	LED
Base	SMD
CRI	80
PF	0.5
Driver	Integrated
Voltage	220 - 240V
IP Rating	IP44
Life	50000 hours
Warranty	3/5 Years
DIM. OP	0-10V/1-10V/DALI

RL-ML40-7W
RL-ML60-12W

LED Mirror Light

Fashionable and minimalist mirror light, featuring an aluminum body, exquisite baking finish, rust and corrosion resistance, LED light source, uniform and spotless lighting, waterproof and fog-resistant design, and three length options.



DIMMING



80LM/W



3/5 YEARS



220 - 240V



IP44



Dustproof



Mosquito-proof



-30°C~+45°C



Flicker-free



50,000H

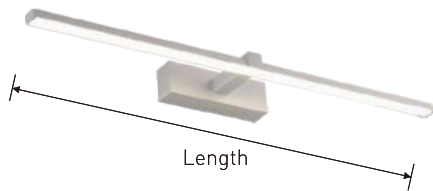


Easy Installation



CCT switchable

Size



Parameters

Model No.	RL-ML40-7W	RL-ML60-12W
Power	7W	12W
Lumens	80LM/W	
COL. TEMP	3000K/4000K/6500K/CCT	
Length(cm)	40cm	60cm
Dimmable	NO	
Housing	Die Cast Aluminium	
Diffuser	Frosted Opal	
Colour	Brushed Chrome	
Lamp	LED	
Base	SMD	
CRI	80	
PF	0.5	
Driver	Integrated	
Voltage	220 - 240V	
IP Rating	IP44	
Life	50000 hours	
Warranty	3/5 Years	
DIM. OP	0-10V/1-10V/DALI	

RL-ML3003
LED Mirror Light

Fashionable and minimalist mirror headlights, Stainless steel lamp body, Rust and corrosion resistance, LED light source, uniform and flawless illumination, Waterproof and anti fog design, available in three lengths.



0-10V/1-10V/ DALI



80Lm/W



3/5 YEARS



220 - 240V



IP44



Dustproof



Mosquito-proof



-30°C~+45°C



Flicker-free



50,000H

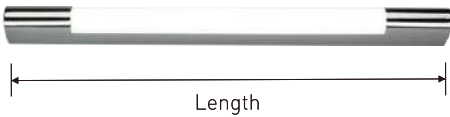


Easy Installation



CCT switchable

Size



Parameters

Model No.	RL-ML3003-10W	RL-ML3003-15W	RL-ML3003-20W
Power	10W	15W	20W
Lumens	80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
Length(cm)	46cm	60cm	90cm
Dimmable	NO		
Housing	Stainless Steel		
Diffuser	Opal PC		
Colour	Stainless Steel		
Lamp	LED		
Base	SMD		
CRI	80		
PF	0.5		
Driver	Integrated		
Voltage	220 - 240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	3/5 Years		
DIM. OP	0-10V/1-10V/DALI		

RL-ML3005
LED Mirror Light

Energy saving LED waterproof fog mirror headlights, simple design, no drilling, easy installation, multiple sizes, and multiple colors to choose from.


0-10V/1-10V/
DALI


80Lm/W


Warranty


220 - 240V


IP44


Dustproof


Mosquito-
proof


-30°C~+45°C

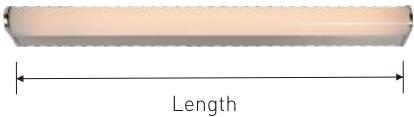

Flicker-free


50,000H


Easy
Installation


CCT
switchable

Size



Parameters

Model No.	RL-ML3005					
Power	8W	10W	12W	15W	20W	25W
Lumens	80LM/W					
COL. TEMP	3000K/4000K/6500K/CCT					
Size(MM)	40cm	60cm	80cm	100cm	120cm	150cm
Dimmable	NO					
Housing	Stainless Steel					
Diffuser	Opal PC					
Colour	Chrome/Gold/White/Black					
Lamp	LED					
Base	SMD					
CRI	80					
PF	0.5					
Driver	Integrated					
Voltage	220-240V					
IP Rating	IP44					
Life	50000 hours					
Warranty	3/5 Years					
DIM. OP	0-10V/1-10V/DALI					

RL-ML3006
LED Mirror Light

Fashionable and minimalist mirror headlights, Stainless steel lamp body,Rust and corrosion resistance, LED light source, uniform and flawless illumination, Waterproof and anti fog design, available in three lengths.


0-10V/1-10V/
DALI


80Lm/W


Warranty


220 - 240V


IP44


Dustproof


Mosquito-
proof


-30°C~+45°C

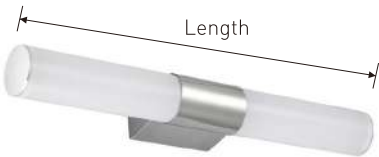

Flicker-free


50,000H


Easy
Installation


CCT
switchable

Size



Parameters

Model No.	RL-ML3006			
Power	8W	10W	15W	20W
Lumens	80LM/W			
COL. TEMP	3000K/4000K/6500K/CCT			
Length(cm)	40cm	60cm	80cm	100cm
Dimmable	NO			
Housing	Stainless Steel			
Diffuser	Opal PC			
Colour	Chrome/Gold/White/Black			
Lamp	LED			
Base	SMD			
CRI	80			
PF	0.5			
Driver	Integrated			
Voltage	220-240V			
IP Rating	IP44			
Life	50000 hours			
Warranty	3/5 Years			
DIM. OP	0-10V/1-10V/DALI			



RL-WSVL-SERIES

Minimally designed dustproof wall lamp, using sealed glass cover, LED three color light source, no flicker hazard, high brightness and energy-saving, hardware lamp body, suitable for different places.



Size

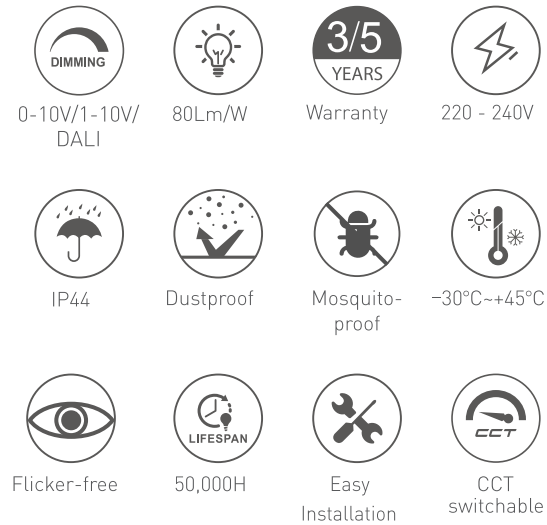


Parameters

Model No.	RL-WSVL-SERIES
Power	E26
COL. TEMP	3000K/4000K/6500K
Size(MM)	W15H34D11.5CM
Dimmable	NO
Housing	Stainless Steel
Diffuser	Glass
Colour	Chrome/Gold/White/Black
IP Rating	IP44
Warranty	3/5 Years
DIM. OP	0-10V/1-10V/DALI

RL-MLVL-SERIES

Outdoor plastic powder electrostatic spray paint process, sanding treatment, strong texture of lamp body, simple style, waterproof and anti-aging. Three specifications and multiple colors to choose from.



Size



Parameters

Model No.	RL-MLVL-SERIES		
Power	8W	10W	15W
Lumens	80LM/W		
COL. TEMP	3000K/4000K/6500K/CCT		
Size(MM)	W80H380MM	W80H520MM	W80H620MM
Dimmable	NO		
Housing	Aluminium		
Diffuser	PC		
Colour	Chrome/Gold/White/Black		
Lamp	LED		
Base	SMD		
CRI	80		
PF	0.5		
Driver	Integrated		
Voltage	220 - 240V		
IP Rating	IP44		
Life	50000 hours		
Warranty	3/5 Years		
DIM. OP	0-10V/1-10V/DALI		



LED STRIP LIGHT

RL-ST1227/1330/1331

3
YEARS

Warranty

High brightness

Easy installation

30,000H

IP65

DC24V

0/1-10V/DALI



RL-ST1227-9W



RL-ST1330-11W



RL-ST1331-13W



Parameters

Mode	RL-ST1227-9W		RL-ST1330-11W	RL-ST1331-13W
COLOR			3000K/4000K/6500K	
Power	9W/M (±10%W)		11W/M (±10%W)	
LED LUMEN			18-20LM/LED	
Voltage			DC24V	
DIM.OP			0-10V/1-10V/DALI	
PCB WIDTH	8MM		12MM	15MM
Shell	ENVIROMENTAL TRANSPARENT PVC COVER			
CRI			Ra≥80	
Waterproof			IP65	
Warranty			3 Years	

RL-ST1229

3/5
YEARS

Warranty

High brightness

Easy installation

50,000H

IP20/65/68

DC24V

0/1-10V/DALI



RL-ST1226-IP20



RL-ST1226-IP65



RL-ST1229-9W-IP20



RL-ST1229-IP65



RL-ST1229-9/15W-IP68

Parameters

Mode	RL-ST1226-IP20		RL-ST1226-IP65		RL-ST1229	
COLOR	3000K/4000K/6500K			3000K/4000K/6500K		
Power	12W			9W	9W	9/15W
Voltage	DC12V			DC24V		
FPCB WIDTH	10MM			10MM		
Mounting	RECESSED / SURFACE					
DIM.OP	0-10V/1-10V/DALI					
CRI	Ra≥80					
Waterproof	IP20		IP65	IP20	IP65	IP68
Warranty	3 Years			3/5 Years	3/5 Years	3/5 Years

LED STRIP LIGHT

RL-ST1335/1237/1238

3/5

YEARS

Warranty

High brightness

Easy installation

LIFESPAN

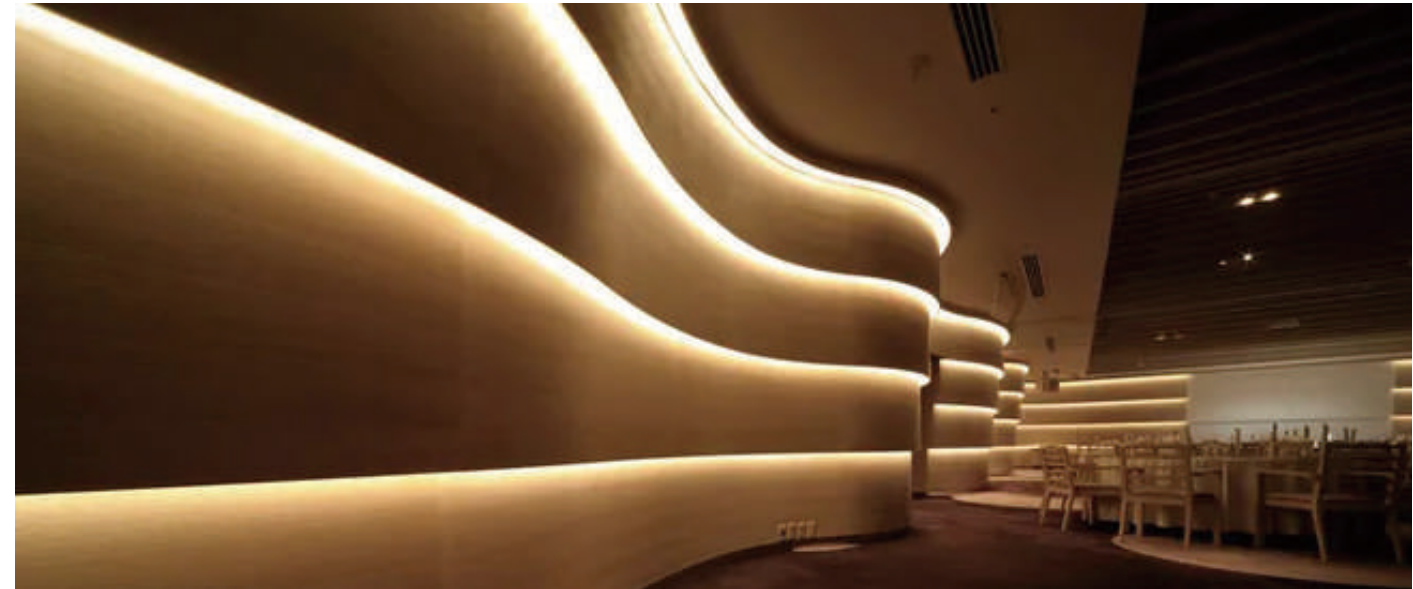
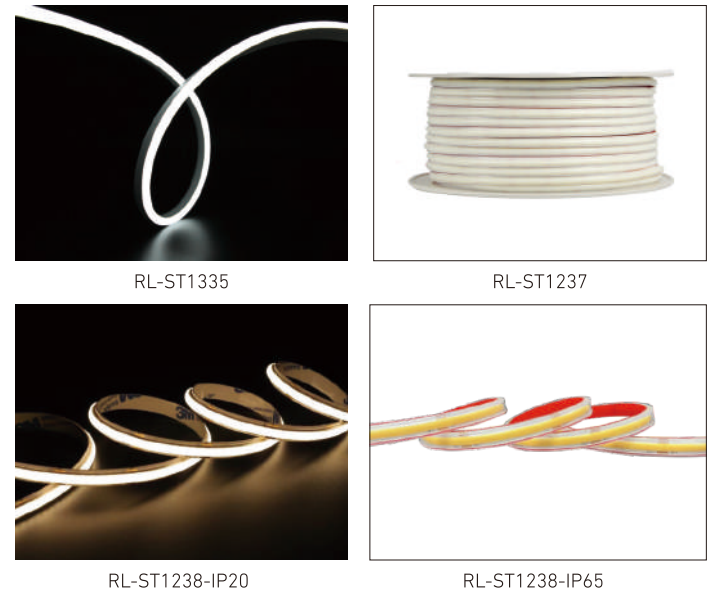
50,000H

IP20/65/68

DC24V

DIMMING

0/1-10V/DALI



Parameters

Mode	RL-ST1335		RL-ST1237	RL-ST1238
COLOR	3000K-WARM WHITE		3000K/4000K	2700K/3000K/4000K/6500K
Power	7W/10W/16W		12W	10W
Voltage	220V		DC24V	
PCB WIDTH	8*16MM/10*10MM/16*16MM		10*4.5MM	
LED LUMEN	18-20LM/LED			
DIM.OP	0-10V/1-10V/DALI			
CRI	Ra≥80			Ra≥90
Waterproof	IP68	IP65		IP20/IP65
Warranty	3/5 Years			

RL-ST360

3

YEARS

Warranty

High brightness

Easy installation

LIFESPAN

50,000H

IP67

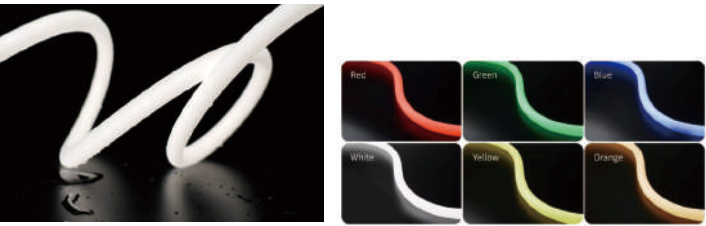
DC24V

DIMMING

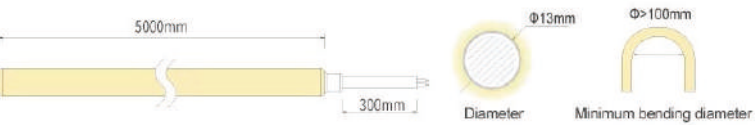
0/1-10V/DALI

Parameters

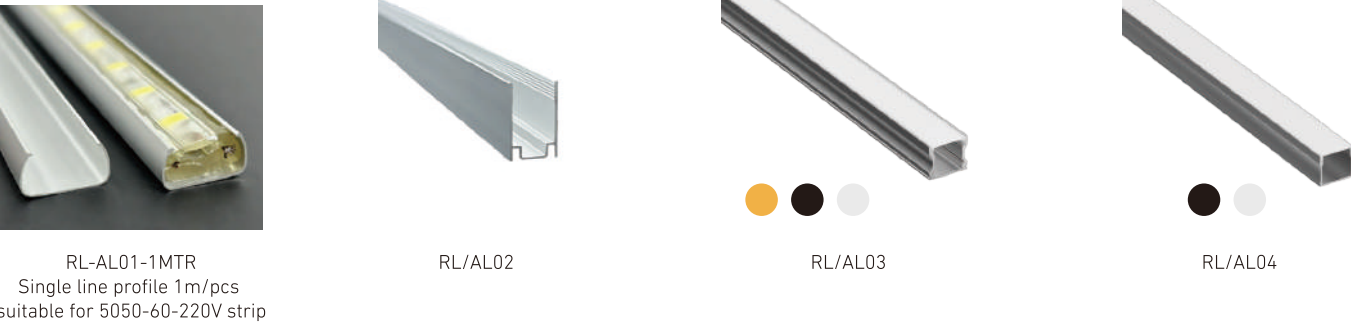
Mode	RL-ST360
CCT	1800-6500K/RGB/RGBW
Material	Silicone
CRI	Ra90
Voltage	DC 24V
IP Rating	IP67
Item Type	Neon Lights
Luminous Efficiency	60LM/W
DIM.OP	0-10V/1-10V/DALI
Light Source	LED
Support Dimmer	No
Working Temperature	-25°C~ -45°C
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C,Max (Table below)
Power(w/m)	Min :3W/M; Max :10 W/M
Lifespan	30,000 hours
WARRANTY	3 Years



Dimensions



Accessories



LED INDOOR WALL LIGHT





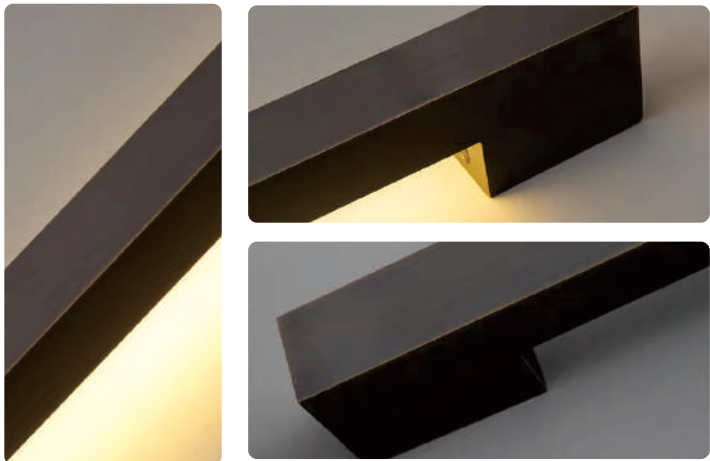
- Red
- Gold
- Coffee



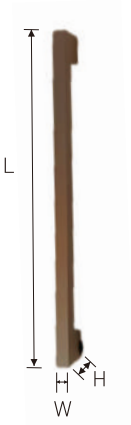
RL-WS8118- SERIES
LED Indoor Light

CE RoHS IP20

- High-quality chip
- 3 YEARS Warranty
- 0-10V/1-10V/ DALI
- Easy Installation



Size



Parameters

Model No.	RL-WS8118- SERIES		
Power	6W	12W	15W
Size(MM)	L300*W25*H60	L600*W25*H60	L900*W25*H60
Adjustable	NO		
Material	ALUMINIUM		
Colour	Red/Gold/Coffee		
Chip	SMD2835		
IP Rating	IP20		
Warranty	3 Years		
DIM. OP	0-10V/1-10V/DALI		



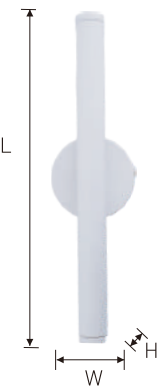
- WH
- BK
- Bronzing gold

RL-WS8160-SERIES
LED Indoor Light

CE RoHS IP20

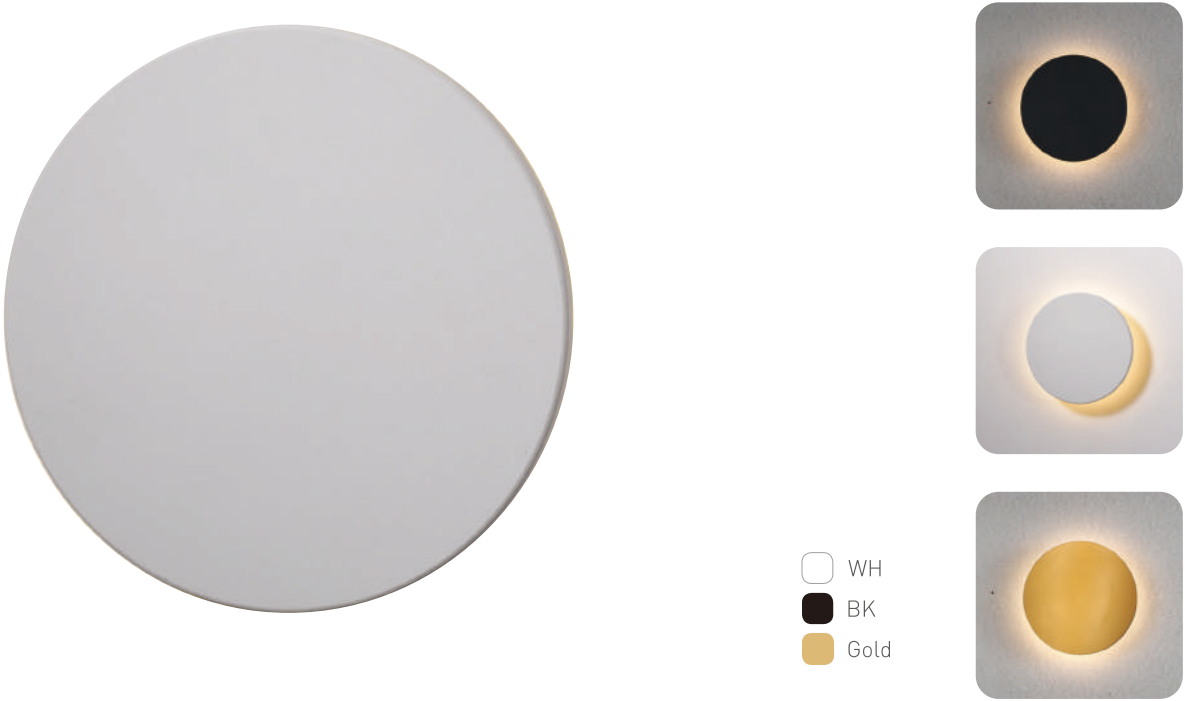
- High-quality chip
- 3 YEARS Warranty
- 0-10V/1-10V/ DALI
- 2 *30°
- 350°

Size



Parameters

Model No.	RL-WS8160-SERIES
Power	2*3W
Size(MM)	L305*W70*H65
Beam Angle	2 *30°
Adjustable	YES
Material	Aluminium / PC
Colour	WH/BK/Bronzing gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



- WH
- BK
- Gold

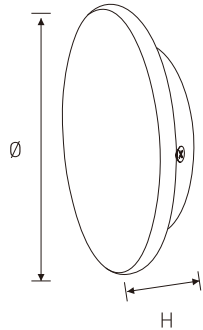
RL-WS8117-SERIES
LED Indoor Light



DIY series indoor wall lights, available in three colors, with three sizes for each color, can be freely combined according to your needs to create a stylish home environment.



Size



Parameters

Model No.	RL-WS8117-SERIES		
Power	6W	12W	24W
Size(MM)	Ø135*H31	Ø180*H45	Ø230*H53
Adjustable	NO		
Material	Aluminium		
Colour	WH/BK/Gold		
Chip	SMD2835		
IP Rating	IP20		
Warranty	3 Years		
DIM. OP	0-10V/1-10V/DALI		



- WH
- BK
- Gold
- Coffee

RL-WS8299-SERIES
LED Indoor Light



This wall lamp has a stylish design, is available in three colors, and can be freely matched as needed to create a fashionable home environment.



Size



Parameters

Model No.	RL-WS8299-SERIES
Power	6W
Size(MM)	L180*W184*H71.5
Adjustable	NO
Material	Aluminium
Colour	WH/BK/Gold/Coffee
Chip	COB
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



350°
Left-right
swing

- WH
- BK
- Satin nickel
- Bronzing gold
- Chrome

RL-RL8165-RD-SERIES
RL-RL8165-SQ-SERIES

LED Indoor Light



Fashionable embedded wall lamp,
exquisite workmanship,
multiple colors to choose from,
adjustable illumination angle.



350°
Left-right
swing

- BK
- Satin nickel
- Bronzing gold



High-quality chip Warranty 3 YEARS 0-10V/1-10V/DALI 30° 90° 350°

RL-RL8302-SERIES
LED Indoor Light

Size



Parameters

Model No.	RL-RL8165-RD/SQ-SERIES	RL-RL8302-SERIES
Power	3W	3W
Size(MM)	L155*W55*H60	L170*W70*H63
Cut Size(MM)	150*42*45	150*50*40
Switch	Rocker switch	Push-button
Beam Angle	30°	
Material	Aluminium +Iron	
Colour	WH/BK/Satin nickel/Bronzing gold/Chrome	BK/Satin nickel/Bronzing gold
Chip	CREE XPE	CREE
IP Rating	IP20	
Warranty	3 Years	
DIM. OP	0-10V/1-10V/DALI	

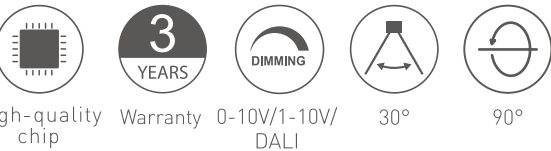


RL-REC-RL8166-SERIES

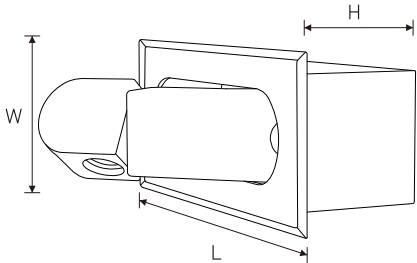
LED Indoor Light



Fashionable embedded wall lamp, exquisite workmanship, multiple colors to choose from, adjustable illumination angle.



Size



Parameters

Model No.	RL-RL8166-SERIES
Power	3W
Size(MM)	L190*W80*H65
Cut Size(MM)	170*60*60
Swich	Rocker switch
Beam Angle	30°
Material	Aluminium +Iron
Colour	BK/Satin nickel/Bronzing gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI

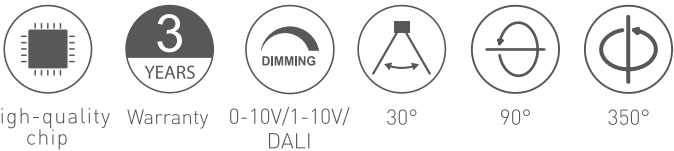


RL-REC-RL8171-RD-SERIES
RL-REC-RL8171-SQ-SERIES

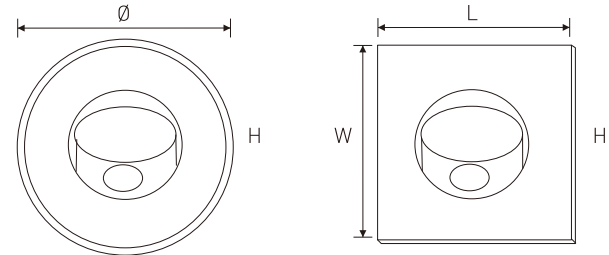
LED Indoor Light



Fashionable embedded wall lamp, exquisitely crafted, available in two shapes: circular and square, with black and white options, and adjustable illumination angle.



Size



Parameters

Model No.	RL-REC-RL8171-RD-SERIES	RL-REC-RL8171-SQ-SERIES
Power	3W	
Size(MM)	Ø120*H75	L110*W110*H75
Cut Size(MM)	Ø90	
Swich	Push-button	
Beam Angle	30°	
Material	Aluminium +Iron	
Colour	WH/BK	
Chip	CREE	
IP Rating	IP20	
Warranty	3 Years	
DIM. OP	0-10V/1-10V/DALI	



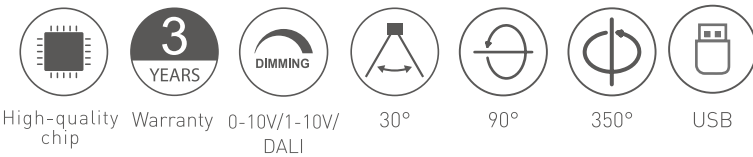
- WH
- BK
- Satin nickel
- Bronzing gold

RL-REC-RL8125-SERIES
RL-REC-RL8125-USB-SERIES

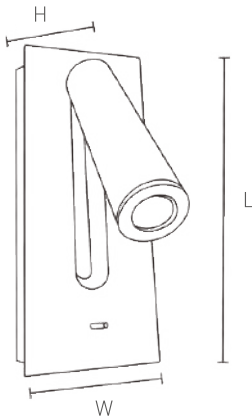
LED Indoor Light



Fashionable embedded wall lamp,
exquisite workmanship,
multiple colors to choose from,
adjustable illumination angle.



Size



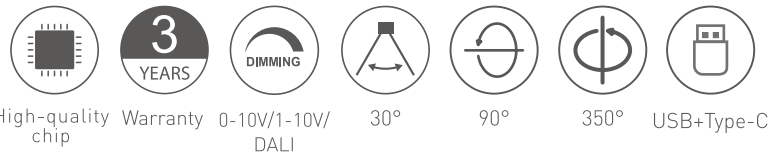
Parameters

Model No.	RL-REC-RL8125-SERIES	RL-REC-RL8125-USB-SERIES
Power	3W	
Size(MM)	L183*W78*H85	
Cut Size(MM)	174*55*35	
Switch	Rocker switch	
Beam Angle	30°	
Material	Aluminium+Iron	
Colour	WH/BK/Satin nickel/Bronzing gold	
Chip	CREE	
IP Rating	IP20	
Warranty	3 Years	
DIM. OP	0-10V/1-10V/DALI	

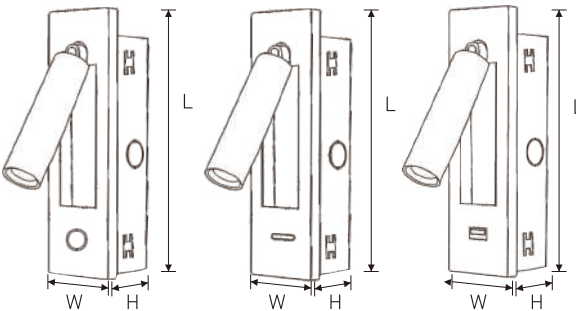


RL-REC-RL8371-SERIES
RL-REC-RL8371-USB-SERIES
RL-REC-RL8371-TYPEC-SERIES

LED Indoor Light



Size



Parameters

Model No.	RL-REC-RL8371-SERIES	RL-REC-RL8371-USB-SERIES	RL-REC-RL8371-TYPEC-SERIES
Power	3W		
Size(MM)	L178*W51*H62.5		
Cut Size(MM)	157*45*45		
Switch	Rocker switch		
Beam Angle	30°		
Material	Aluminium +Iron		
Colour	BK/Bronzing gold/BK+Bronzing gold/Satin nickel		
Chip	CREE		
IP Rating	IP20		
Warranty	3 Years		
DIM. OP	0-10V/1-10V/DALI		



- BK
- Bronzing gold
- BK+Bronzing gold
- Satin nickel



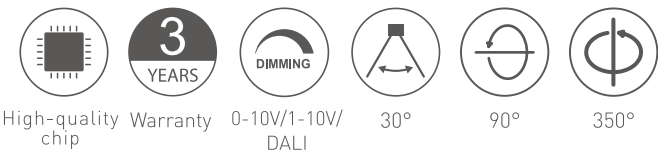


- BK
- Gold

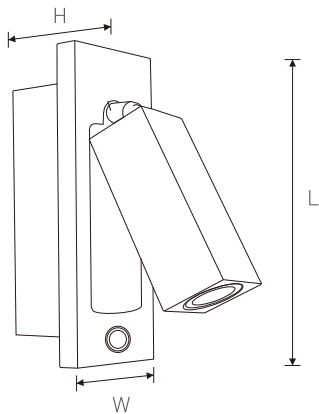
RL-RL8174-SERIES
LED Indoor Light



Fashionable embedded wall lights,
Exquisite workmanship,
There are two colors to choose from: black and gold,
Adjustable lighting angle.



Size



Parameters

Model No.	RL-RL8174-SERIES
Power	3W
Size(MM)	L173*W50*H55
Cut Size(MM)	160*45*45
Swich	Rocker switch
Beam Angle	30°
Material	Aluminium
Colour	BK/Gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI

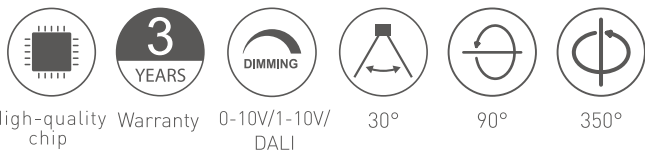


- BK
- Bronzing gold
- Satin nickel

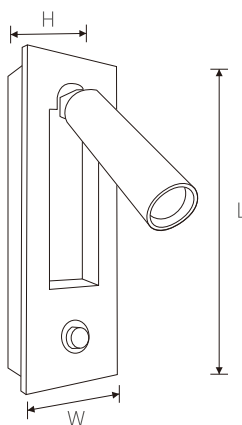
RL-RL8175-SERIES
LED Indoor Light



Fashionable embedded wall lamp,
exquisite workmanship,
multiple colors to choose from,
adjustable illumination angle.



Size



Parameters

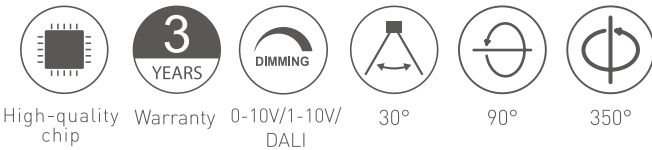
Model No.	RL-RL8175-SERIES
Power	3W
Size(MM)	L183*W60*H60
Cut Size(MM)	176*52*34
Swich	Push-button
Beam Angle	30°
Material	Aluminium+Iron
Colour	BK/Bronzing gold/Satin nickel
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



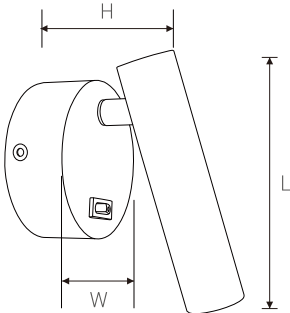
RL-RL8168-SERIES
LED Indoor Light



Fashionable embedded wall lamp,
exquisite workmanship,
multiple colors to choose from,
adjustable illumination angle.



Size



Parameters

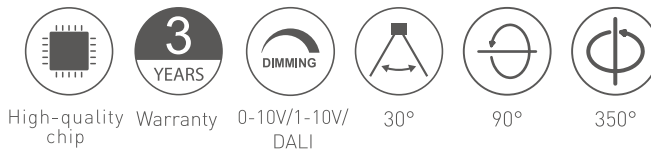
Model No.	RL-RL8168-SERIES
Power	3W
Size(MM)	L125*W80*H75
Cut Size(MM)	125*80*45
Swich	Push-button
Beam Angle	30°
Material	Aluminium
Colour	WH/BK
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



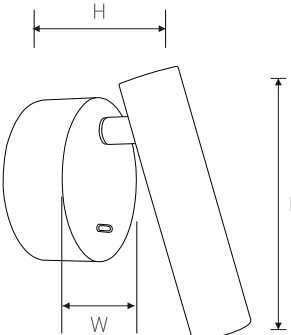
RL-RLB8168-SERIES
LED Indoor Light



Fashionable embedded wall lights,
Exquisite workmanship,
Available in black and white,
Adjustable lighting angle.



Size



Parameters

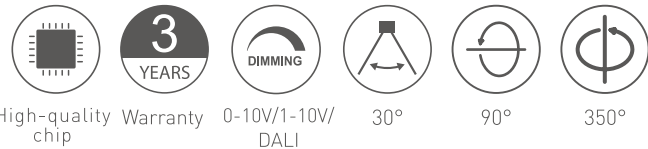
Model No.	RL-RLB8168-SERIES
Power	3W
Size(MM)	L173*W50*H55
Cut Size(MM)	160*45*45
Swich	Push-button
Beam Angle	30°
Material	Aluminium+Iron
Colour	WH/BK/Gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



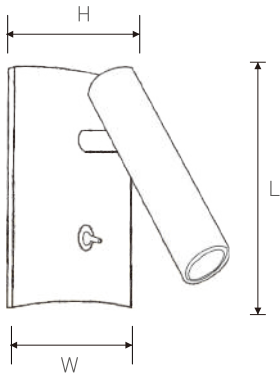
RL-RL8310-SERIES
LED Indoor Light



Fashionable embedded wall lights,
Exquisite workmanship,
Available in black and white,
Adjustable lighting angle.



Size



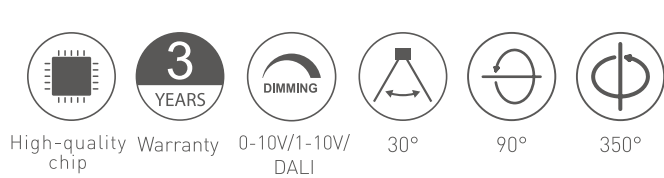
Parameters

Model No.	RL-RL8310-SERIES
Power	3W
Size(MM)	L110*W90*H65
Swich	Rocker
Beam Angle	30°
Material	Aluminium
Colour	WH/BK
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI

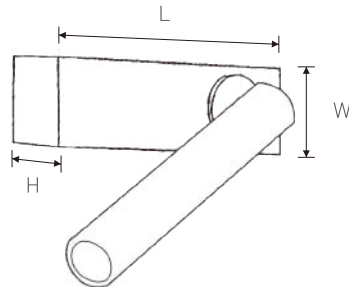
RL-RLB8350-SERIES
LED Indoor Light



Fashionable embedded wall lights,
Exquisite workmanship,
Available in black and white,
Adjustable lighting angle.



Size



Parameters

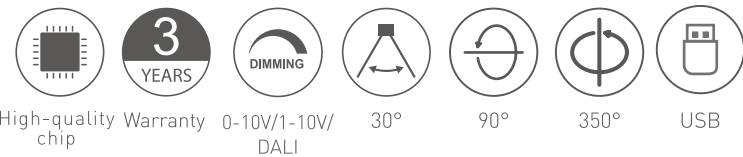
Model No.	RL-RLB8350-SERIES
Power	3W
Size(MM)	L183*W40*H70
Swich	Push-button
Beam Angle	30°
Material	Aluminium+Iron
Colour	WH/BK/Gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



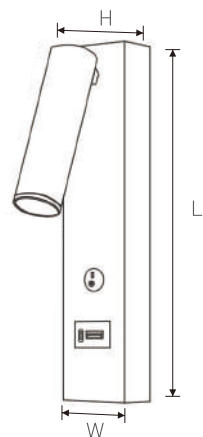
RL-RL8184-USB+TYPEC-SERIES
LED Indoor Light



Fashionable embedded wall lamp,
exquisite workmanship,
multiple colors to choose from,
adjustable illumination angle.



Size



Parameters

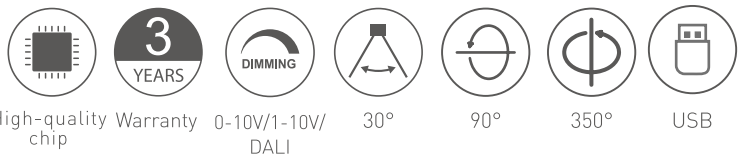
Model No.	RL-RL8184-USB+TYPEC-SERIES
Power	3W
Size(MM)	L230*W50*H70
Swich	Push-button
Beam Angle	30°
Material	Aluminium+Iron
Colour	WH/BK
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



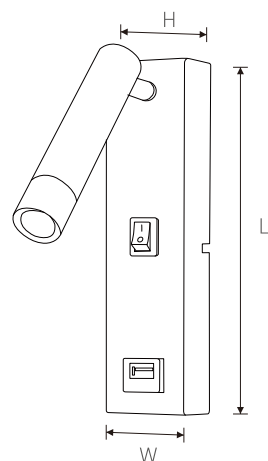
RL-RL8183-USB-SERIES
LED Indoor Light



Fashionable embedded wall lights,
Exquisite workmanship,
Available in black and white,
Adjustable lighting angle.

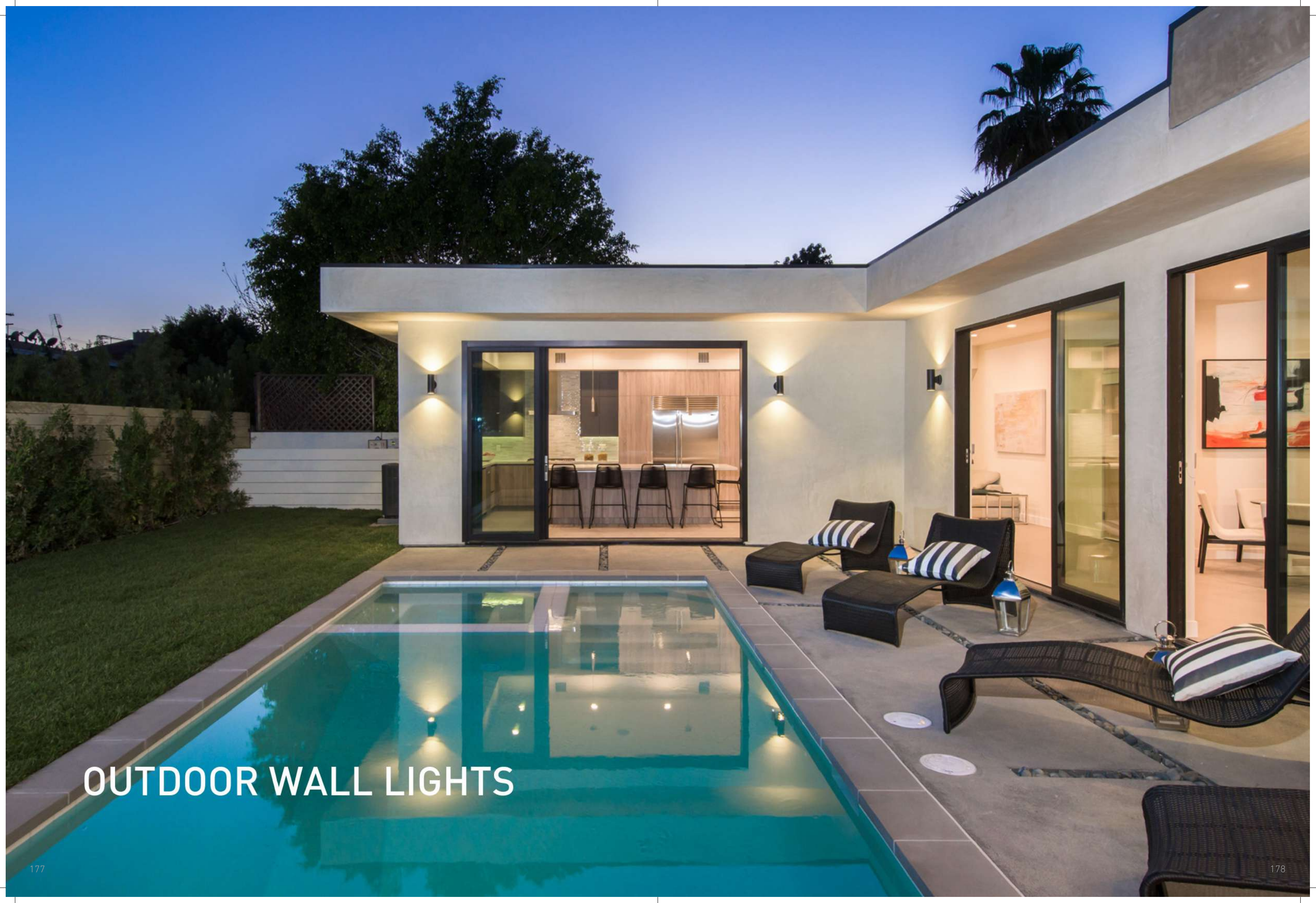


Size



Parameters

Model No.	RL-RL8183-USB-SERIES
Power	3W
Size(MM)	L189*W50*H65
Swich	Push-button
Beam Angle	30°
Material	Aluminium+Iron
Colour	WH/BK/Gold
Chip	CREE
IP Rating	IP20
Warranty	3 Years
DIM. OP	0-10V/1-10V/DALI



OUTDOOR WALL LIGHTS

RL-BK-RD-BLK-SERIES
RL-WL-LED-OP-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



RL-BK-RD-BLK-SERIES



RL-WL-LED-OP-SERIES

Sealing design

80Lm/W

5 YEARS
Warranty

IP54

IK08

100-240V

50,000H

-20°C~+45°C

Easy Installation

Efficient heat dissipation

0/1-10V/DALI

Applications

The main use of community,gatepost,patio,villa garden.



Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability



RL-BK-RD-BLK-SERIES



RL-WL-LED-OP-SERIES

Outdoor Protection:

IP54 and IK08 rating ensure reliable operation in demanding outdoor environments.



IP54 sealing against dust and sand



Stable performance under high temperatures

Surge Protection:

High-efficiency constant current drive, low energy consumption full protection (over-current/voltage, lightning high temperature) for stable product performance and long lifespan .



High surge protecting for unstable grids

Parameters

Model No.	RL-BK-RD-BLK-SERIES					RL-WL-LED-OP-SERIES					
Power	5W	7W	12W	20-25W	30-35W	5W	7W	12W	18W	20-25W	30-40W
Beam Angle	110°					110°					
Lumens	80LM					80LM					
COL. TEMP	3000K/4000K/6500K					3000K/4000K/6500K					
DIM. OP	0-10V/1-10V/DALI					0-10V/1-10V/DALI					
Adjustable	NO					NO					
Size(MM)	110*85	130*85	160*105	250*80	300*80	L115*W115*H85	L130*W115*H85	L115*W155*H100	L220*W220*H80	L250*W250*H80	L300*W230*H85
Housing	Aluminium+Acrylic					Aluminium+Acrylic					
Reflector	Acrylic					Acrylic					
Diffuser	Acrylic					Acrylic					
Colour	Black/White					Black/White					
Chip	SMD					SMD					
CRI	> 80					> 80					
PF	0.5					0.5					
Driver	Included					Included					
Voltage	100-240V					100-240V					
IP Rating	IP54					IP54					
Life	50000hours					50000hours					
Warranty	5 Years					5 Years					

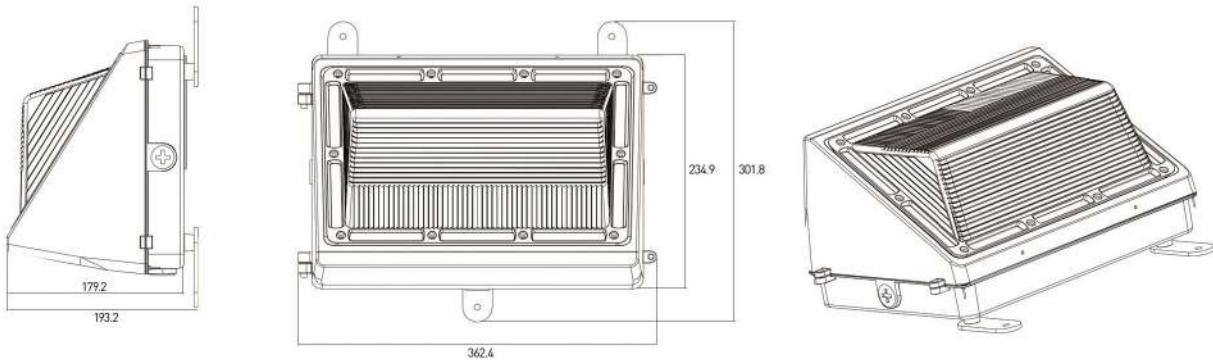
RL-BLK-DEC-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- DIMMING
- 100-240V
- 50,000H
LIFESPAN
- 40°C~+70°C
- Easy
Installation
- Efficient heat
dissipation

Dimension(MM)



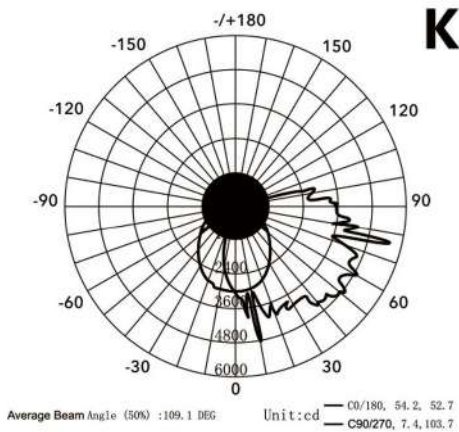
Applications

The main use of landscape ports, Docks, airports, court and outdoor security lighting.



Photometrics

Asymmetrical Width19.500 Lumens
120W PC110°



Outdoor Protection:

IP65 and IK08 rating ensure reliable
operation in demanding outdoor
environments.



IP65sealing against dust and sand



Stable performance under high
temperatures

Surge Protection:

High-efficiency constant
current drive, low energy
consumption full protection
(over-current/voltage, lightning
high temperature) for stable
product performance and long
lifespan .



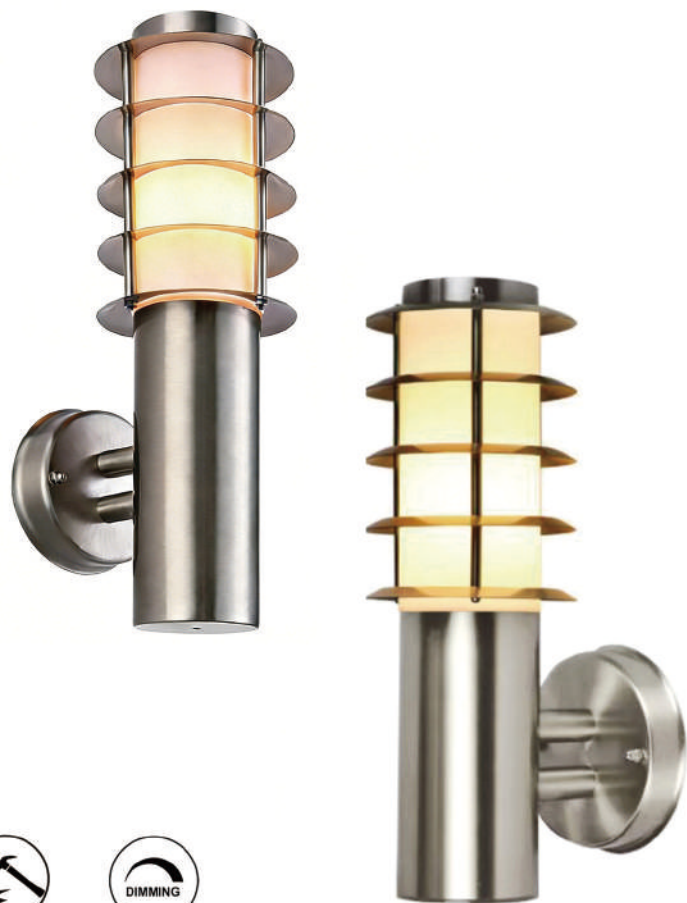
High surge protecting for
unstable grids

Parameters

Model No.	RL-BLK-DEC-SERIES			
Power	60W	80W	100W	120W
Beam Angle	110°			
Lumens	7800LM	10400LM	10300LM	15600LM
LED QTY	112 PCS	154 PCS	189 PCS	224 PCS
DIM. OP	0-10V/1-10V/DALI			
Lighting Effect	130LM/W			
Size(MM)	L382*W280*H242mm			
CCT	3000K/4000K/5000K/5700K/6500K			
PF	>0.9			
Colour	Black/White			
Input Voltage	AC100-277V			
CRI	> 80 Ra			
Lifespan	>50000Hrs(Ta=30C aLM70)			
Junction Temperature	<75c(Ta=30C)			
Jstorage Temperature	(-40~+70C)			
IP Rating	IP65			
Power Frequency	50/60HZ			
Warranty	5 Years			

RL-ML-VL-E14-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
LIFESPAN
- 20℃~+45℃
- Easy
Installation
- Efficient heat
dissipation

Parameters

MODEL NO.	RL-ML-VL-E14-SERIES
POWER	/
BEAM ANGLE	/
LUMENS	/
COL. TEMP	/
DIM. OP	0/1-10V/DALI
ADJUSTABLE	NO
SIZE (MM)	W120*H320
HOUSING	ALUMINIUM+ACRYLIC
REFLECTOR	ACRYLIC
DIFFUSER	ACRYLIC
COLOUR	BLACK/WHITE
CHIP	E27
CRI	/
PF	/
MATERIAL	STEEL+ACRYLIC
VOLTAGE	100-240V
LIFE	50000 hours
WARRANTY	5 YEARS
IP RATING	IP65

Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-UPDN-01-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
LIFESPAN
- 20℃~+45℃
- Easy
Installation
- Efficient heat
dissipation

Parameters

MODEL NO.	RL-UPDN-01-SERIES	
POWER	5W	10W
BEAM ANGLE	120°	
LUMENS	80LM/W	
COL. TEMP	3000K/4000K/6500K	
DIM. OP	0/1-10V/DALI	
ADJUSTABLE	NO	
SIZE (MM)	L98*W45*H58	L180*W75*H85
HOUSING	ALUMINIUM+PC	
REFLECTOR	PC	
DIFFUSER	PC	
COLOUR	BLACK/WHITE	
CHIP	COB	
CRI	>90	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
LIFE	50000 hours	
WARRANTY	5 YEARS	
IP RATING	IP65	

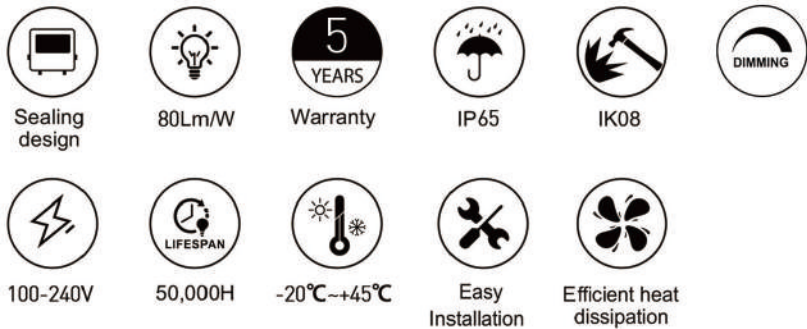
Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-UPDN-02-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



Parameters

MODEL NO.	RL-UPDN-02-SERIES
POWER	3W*4
BEAM ANGLE	110°
LUMENS	80LM
COL. TEMP	3000K/4000K/6500K
DIM. OP	0-10V/DALI
ADJUSTABLE	NO
SIZE (MM)	L160*W160*H50MM
HOUSING	ALUMINIUM+PC
REFLECTOR	PC
DIFFUSER	PC
COLOUR	BLACK/WHITE
CHIP	SMD
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
LIFE	50000 hours
WARRANTY	5 YEARS
IP RATING	IP65

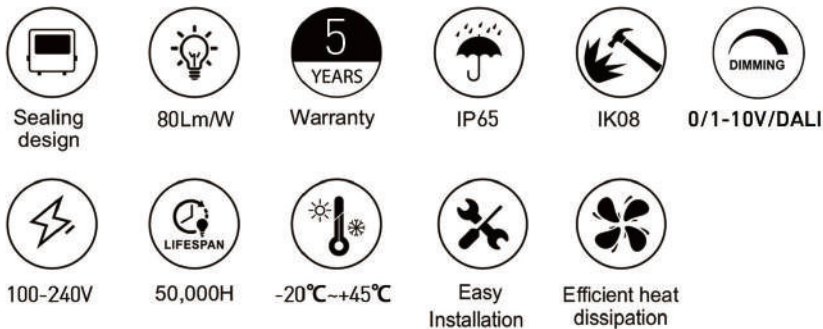
Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-UPDN-03-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



Parameters

MODEL NO.	RL-UPDN-03-SERIES
POWER	5W*2
BEAM ANGLE	120°
LUMENS	80LM
COL. TEMP	3000K/4000K/6500K
DIM. OP	0-10V/DALI
ADJUSTABLE	NO
SIZE (MM)	L160*W95*H55
HOUSING	ALUMINIUM+GLASS
REFLECTOR	GLASS
DIFFUSER	GLASS
COLOUR	BLACK/WHITE
CHIP	SMD
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
LIFE	50000 hours
WARRANTY	5 YEARS
IP RATING	IP65

Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-STL-WL-SERIES
RL-UPDN-04-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



RL-STL-WL-SERIES



RL-UPDN-04-SERIES

- 
Sealing design
- 
80Lm/W
- 
5 YEARS
Warranty
- 
IP65/IP54
- 
IK08
- 
0/1-10V/DALI
- 
100-240V
- 
50,000H
LIFESPAN
- 
-20°C~+45°C
- 
Easy
Installation
- 
Efficient heat
dissipation

Applications

The main use of community, gatepost, patio, villa garden.



Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability.



RL-STL-WL-SERIES



RL-UPDN-04-SERIES

Outdoor Protection:

IP54 and IK08 rating ensure reliable operation in demanding outdoor environments



IP54 sealing against dust and sand



Stable performance under high temperatures

Surge Protection:

High-efficiency constant current drive, low energy consumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



High surge protecting for unstable grids

Parameters

MODEL NO.	RL-STL-WL-SERIES			RL-UPDN-04-SERIES	
	12W	18W	24W	7W*2	7W*1
POWER	12W	18W	24W	7W*2	7W*1
BEAM ANGLE	120°			110°	
LUMENS	80LM/W			80LM/W	
COL. TEMP	3000K/4000K/6500K			3000K/4000K/6500K	
DIM. OP	0-10V/DALI			0-10V/DALI	
ADJUSTABLE	NO			NO	
SIZE (MM)	L200*W120*H80	L300*W120*H80	L400*W120*H80	L148*W130*H65	L148*W100*H65
HOUSING	ALUMINIUM+PC			ALUMINIUM+GLASS	
REFLECTOR	PC			GLASS	
DIFFUSER	PC			GLASS	
COLOUR	BLACK/WHITE			BLACK/WHITE	
CHIP	SMD			SMD	
CRI	→80			→80	
PF	0.9			0.5	
DRIVER	INCLUDED			INCLUDED	
VOLTAGE	100-240V			100-240V	
IP RATING	IP65			IP54	
LIFE	50000 hours			50000 hours	
WARRANTY	5 YEARS			5 YEARS	

RL-UPDN-05-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- DIMMING
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-UPDN-05-SERIES		
POWER	5W*2	10W*2	20W*2
BEAM ANGLE	24°		
LUMENS	100LM		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/DALI		
ADJUSTABLE	NO		
SIZE (MM)	φ65*H160	φ90*H260	φ110*H300
HOUSING	ALUMINIUM+GLASS		
REFLECTOR	GLASS		
DIFFUSER	GLASS		
COLOUR	BLACK/WHITE		
CHIP	COB		
CRI	>90		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
LIFE	50000 hours		
WARRANTY	5 years		
IP RATING	IP65		

Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-WB1002-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- DIMMING
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-WB1002-SERIES							
POWER	5W	5W*2	12W	12*2W	24W	18*2W	50W	50*2W
BEAM ANGLE	24°							
LUMENS	100LM							
COL. TEMP	3000K/4000K/6500K							
DIM. OP	0-10V/DALI							
ADJUSTABLE	NO							
SIZE (MM)	φ65*H160	φ65*H160	φ96*H200	φ96*H250	φ130*H200	φ130*H250	φ160*H200	φ160*H300
HOUSING	ALUMINIUM+GLASS							
REFLECTOR	GLASS							
DIFFUSER	GLASS							
COLOUR	BLACK/WHITE							
CHIP	COB							
CRI	>90							
PF	0.5							
DRIVER	INCLUDED							
VOLTAGE	100-240V							
LIFE	50000 hours							
WARRANTY	5 years							
IP RATING	IP65							

Applications

The main use of landscape community, gatepost, patio, villa garden.



RL-WL-0AA-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-WL-0AA-SERIES
POWER	7W
BEAM ANGLE	60°
LUMENS	80LM/W
COL. TEMP	3000K/4000K/6500K
DIM. OP	0-10V/DALI
ADJUSTABLE	NO
SIZE (MM)	L180*W90*H80
HOUSING	ALUMINIUM+PC
REFLECTOR	PC
DIFFUSER	PC
COLOUR	BLACK/WHITE
CHIP	SMD
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
LIFE	50000 hours
WARRANTY	5 years
IP RATING	IP65

Applications

The main use of landscape community,gatepost,patio,villa garden.



RL-BK-SQ-OPAL-SERIES
RL-BK-RD-OPAL-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-BK-SQ-OPAL-SERIES	RL-BK-RD-OPAL-SERIES
POWER	7W	10W
BEAM ANGLE	120°	
LUMENS	80LM/W	
COL. TEMP	3000K/4000K/6500K	
DIM. OP	0-10V/DALI	
ADJUSTABLE	NO	
SIZE (MM)	L110*W110*H80	L160*W160*H100
HOUSING	ALUMINIUM+PC	
REFLECTOR	PC	
DIFFUSER	PC	
COLOUR	BLACK/WHITE	
CHIP	SMD	
CRI	>80	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
LIFE	50000 hours	
WARRANTY	5 years	
IP RATING	IP65	

Applications

The main use of landscape community,gatepost,patio,villa garden.



RL-WL-0BB-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-WL-0BB-SERIES		
POWER	12W	18W	24W
BEAM ANGLE	120°		
LUMENS	80LM		
COL. TEMP	3000K/4000K/6500K		
DIM. OP	0-10V/DALI		
ADJUSTABLE	YES		
SIZE (MM)	L236*W50*H100	L336*W50*H100	L536*W50*H100
HOUSING	ALUMINIUM+GLASS		
REFLECTOR	GLASS		
DIFFUSER	GLASS		
COLOUR	BLACK/WHITE		
CHIP	SMD		
CRI	>80		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
LIFE	50000 hours		
WARRANTY	5 years		
IP RATING	IP65		

Applications

The main use of landscape community,gatepost,patio,villa garden.



RL-WL-DECO-MAR-SERIES

HIGH-EFFICIENCY
LED OUTDOOR WALL LIGHTS
SOLUTION



- Sealing design
- 80Lm/W
- 5 YEARS
Warranty
- IP65
- IK08
- 0/1-10V/DALI
- 100-240V
- 50,000H
- 20°C~+45°C
- Easy Installation
- Efficient heat dissipation

Parameters

MODEL NO.	RL-WL-DECO-MAR-SERIES	
POWER	9W	9W
BEAM ANGLE	/	
LUMENS	/	
COL. TEMP	3000K/4000K/6500K	
DIM. OP	0-10V/DALI	
ADJUSTABLE	NO	
SIZE (MM)	L82*W82*H188	L120*W120*H120
HOUSING	STONE	
REFLECTOR	/	
DIFFUSER	/	
COLOUR	/	
CHIP	LED BULBS	
CRI	/	
PF	/	
DRIVER	/	
VOLTAGE	220V	
LIFE	50000 hours	
WARRANTY	5 years	
IP RATING	IP65	

Applications

The main use of landscape community,gatepost,patio,villa garden.



BULKHEAD

RL-BH3020-SERIES

HIGH-EFFICIENCY
LED BULKHEAD SOLUTION


Sealing design


80lm/W


5 YEARS
Warranty


IP65


IK08


0/1-10V/DALI


100-240V

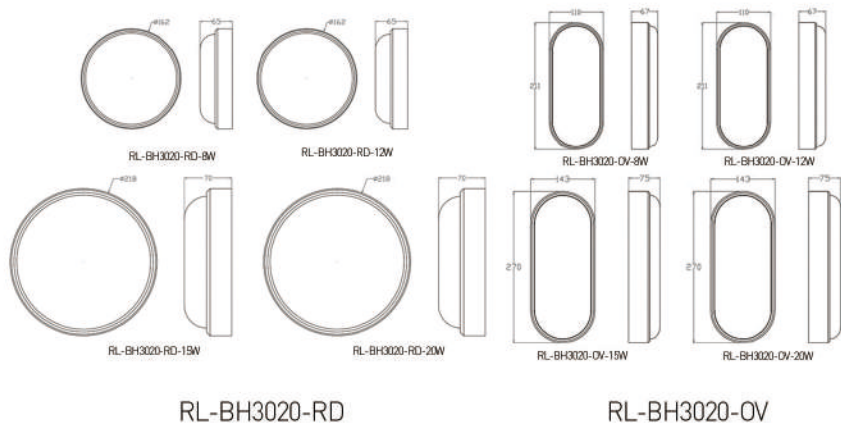

50,000H
LIFESPAN


-20°C~+45°C


Easy
Installation


Efficient heat
dissipation

Dimension(MM)



Outdoor Protection:



Parameters

MODEL NO.	RL-BH3020-RD				RL-BH3020-OV			
LED Consumption	8W±1.0W	12W±1.2W	15W±1.5W	20W±2W	8W±1.0W	12W±1.2W	15W±1.5W	20W±2W
System consumption	8W	12W	15W	20W	8W	12W	15W	20W
Input voltage	AC100~260V							
Power factor	>0.5							
Output current	240MA							
Luminous	800LM	1200LM	1500LM	2000LM	800LM	1200LM	1500LM	2000LM
CRI	Ra>70/80							
Color temperature	2800~3000K/4000~4500K/6000~6500K							
Working temperature	-20							
Storage temperature	-30°C~55°C							
IP Grade	IP54							
Working life-span	50000 hours							
Beam angle	120°							
Color	BLACK/WHITE							
Warranty	5 YEARS							
DIM.OP	0-10V/1-10V/DALI							

RL-BH3021-SERIES
RL-BH3022-SERIES
RL-BH3023-SERIES

HIGH-EFFICIENCY
LED BULKHEAD SOLUTION


Sealing design


90lm/W


3 YEARS
Warranty


IP65


IK08


0/1-10V/DALI


100-220V

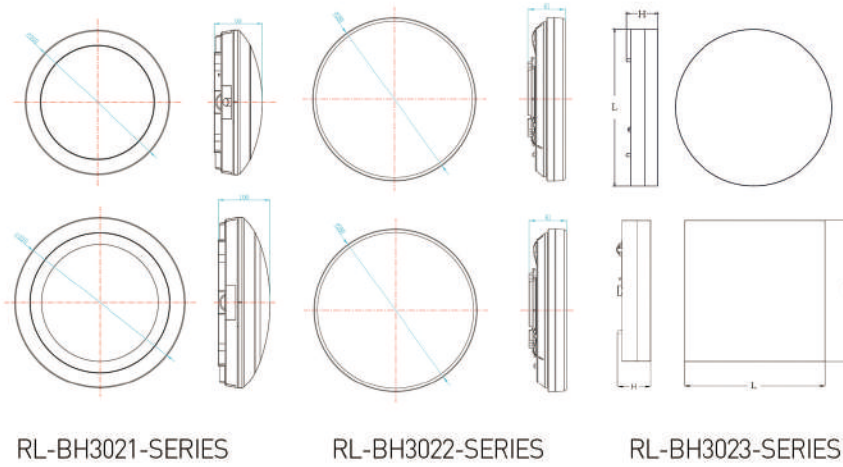

30000H
LIFESPAN


-20°C~+45°C


Easy
Installation


Efficient heat
dissipation

Dimension(MM)



Outdoor Protection:



Parameters

MODEL NO.	RL-BH3021-SERIES		RL-BH3022-SERIES		RL-BH3023-SERIES							
Power	15W	20W	18W	24W	Input Voltage	Frequency	0.05A-0.18A	MODEL NO.	WATT	W (mm)	L (mm)	H (mm)
Input Voltage	220V		220V		Luminous Efficacy	90lm/W		RD-12W	12W	220	220	67
Luminous Efficacy	80±10%		80±10%		Luminous Flux	90W		RD-18W	18W	280	280	67
Luminous Flux	1200±10%	1600±10%	1530±10%	2040±10%	Color Temperature Segment	4000K/6500K		RD-24W	24W	280	280	67
Color Temperature Segment	3000K/4000K/6000K		3000K/4000K/6500K		Beam Angle	120°		RD-30W	30W	330	330	67
Beam Angle	120		120		CRI	>80		RD-36W	36W	330	330	67
CRI	>80		80		Power Factor	0.9		SQ-12W	12W	220	220	67
Power Factor	>0.9		>0.9		Working Environment Humidity	>80		SQ-24W	24W	280	280	67
Working Environment Humidity	0-95%		0-95%		Working Environment Temperature Range	-20°C to +45°C		SQ-18W	18W	280	280	67
Working Environment Temperature Range	-20°C~45°C		-20°C~45°C		Storage Temperature	-25°C~50°C						
Storage Temperature	-25°C~50°C		-25°C~50°C		Lifespan	30000 hours						
Lifespan	50000 hours		50000 hours		IP Grade	IP44						
IP Grade	IP65		IP54		Color	WHITE						
Color	WHITE		WHITE/GRAY		Warranty	3 YEARS						
Warranty	5 YEARS		5 YEARS									
DIM.OP	0-10V/1-10V/DALI											



RL-BK-E27-GRL-001-SERIES



RL-BK-E27-GRL-002-SERIES



RL-BK-GRL-003-SERIES

RL-BK-E27-GRL-001-SERIES(002)
RL-BK-GRL-003-SERIES

HIGH-EFFICIENCY
LED BULKHEAD SOLUTION

Sealing design

80Lm/W

5 YEARS
Warranty

IP65

IK08

0/1-10V/DALI

100-240V

50,000H

-20°C~+45°C

Easy Installation

Efficient heat dissipation

Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability.



RL-BK-E27-GRL-001-SERIES



RL-BK-GRL-003-SERIES

Outdoor Protection:

IP65 rating ensure reliableoperation in demanding outdoor environments



IP54 sealing against dust and sand



Stable performance under high temperatures

Surge Protection:

High-efficiency constant current drive, low energy consumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



High surge protecting for unstable grids

Applications

The main use of community,gatepost,patio,villa garden.



Parameters

MODEL NO.	RL-BK-E27-GRL-001-SERIES	RL-BK-E27-GRL-002-SERIES			RL-BK-E27-GRL-003-SERIES		
POWER	E27	E27			12W	18W	24W
BEAM ANGLE	120°	120°			120°		
LUMENS	/	/			80LM/W		
COL. TEMP	/	/			3000K/4000K/6500K		
INPUT VOLTAGE	220V	220V			220V		
COLOUR	BLACK/WHITE	BLACK/WHITE			BLACK/WHITE		
DIM.OP	0-10V/1-10V/DALI						
PF	/	0.9	/	/	0.5	0.9	0.9
WORKING TEMPERATURE	-20℃～45℃	-20℃～45℃			-20℃～45℃		
STORAGE TEMPERATURE	-25℃～50℃	-25℃～50℃			-25℃～50℃		
OUTPUT CURRENT	240MA	240MA			240MA		
VOLTAGE	100-240V	100-240V			100-240V		
IP RATING	IP65	IP65			IP65		
LIFE	50000 hours	50000 hours			50000 hours		
WARRANTY	5 YEARS	5 YEARS			5 YEARS		



LED GARDEN LIGHT

RL-BL3286-SERIES

For outdoor installation, Made of high-quality aluminum with treatmentof anti-corrosion and UV-proof powder coating.



90LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



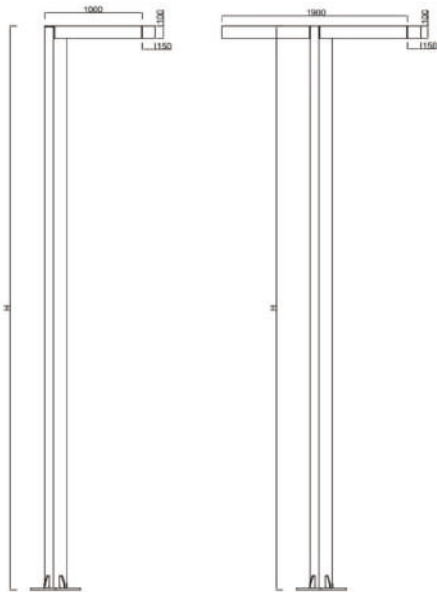
High brightness



Efficient heat dissipation



Dimensions



Single head

Double headed

Applications

The main use of landscape lighting, park, villa courtyard,



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Parameters

Model number	RL-BL3286			
Power	10-15W	30W	50W	50W*2
Material	Aluminum+glass			
Beam angle	60° 120°			
LUMENS	90LM/W			
Color temperature	3000K/4000K/5700K			
DIM.OP	0-10V/1-10V/DALI			
Size	W200H600mm	W700H2000mm	W700H3000/H3500mm	W1500H3500mm
CHIP	SMD			
COLOR	GREY/BLACK/CUSTOMIZABLE			
CRI	>80			
PF	0.95			
DRIVER	INCLUDED			
VOLTAGE	100-240V			
IP Rating	IP65			
LIFE	50000 hours			
Warranty	5 Years			

RL-BL3287-SERIES

For outdoor installation, Made of high-quality aluminum with treatmentof anti-corrosion and UV-proof powder coating.



80LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



Applications

Suitable for outdoor lighting, courtyard, villa, trail, park



Outdoor Protection

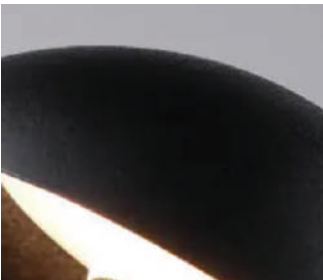
IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Aluminum lamp body PC lampshade

Strong and durable, with excellent heat dissipation performance

Optical lens + Bridgelux chip



Parameters

Model number	RL-BL3287
Power	5W
Material	Aluminum+PC
Beam angle	120°
LUMENS	80LM/W
Color temperature	3000K/4000K/6500K
DIM. OP	0-10V/1-10V/DALI
ADJUSTABLE	YES
CHIP	SMD
COLOR	WHITE/BLACK
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
IP Rating	IP65
LIFE	50000 hours
Warranty	5 Years
Color	BLACK/WHITE/GRAY/SLIVER/GLOD/CUSTOMIZABLE

RL-BL3288-SERIES

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating.



100LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ +50°C



4/10KV



High brightness



Efficient heat dissipation











Applications

Suitable for outdoor lighting, courtyard, villa, trail, park



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Luminous effect

Extensive irradiation range



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Acrylic lampshade

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-BL3288	
Power	5W	5W*2
Size	155*120*H800mm	250*120*H800mm
Material	Aluminum+=Glass	
Beam angle	24° 38°	
LUMENS	100LM/W	
Color temperature	3000K/4000K/6500K	
DIM. OP	0-10V/1-10V/DALI	
ADJUSTABLE	YES	
CHIP	COB	
COLOR	WHITE/BLACK	
CRI	>90	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
IP Rating	IP65	
LIFE	50000 hours	
Warranty	5 Years	
Color	BLACK/WHITE/GRAY/SLIVER/GLOD/CUSTOMIZABLE	

RL-BL3289-SERIES

RL-BL3290-SERIES

100LM/W

3 YEARS
Warranty

IP54

IK10

Easy installation

0/1-10V/DALI

30,000H

-20°C~ + 50°C

4/10KV

High brightness

Efficient heat dissipation

ETL Intertek

CB

CE

RoHS



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Outdoor waterproof

Waterproof lamp body



Acrylic lampshade

High light transmittance



Parameters

Model number	RL-BL3289A/B	RL-BL3290
Power	5W-15W	3W
Material	Aluminum+acrylic	
COL. TEMP	3000K/4000K/6500K	
DIM.OP	0-10V/1-10V/DALI	
Size(mm)	D108*H400/H600/H800	D60*H820/H1020/H1220
Colour	GREY/BLACK/WOODEN/CUSTOMIZABLE	
CRI	>80	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	24DC
IP Rating	IP54	
LIFE	30000 hours	
Warranty	3 years	

Applications

The main use of landscape lighting, park, villa courtyard,



RL-BL3291/3292

100LM/W

5 YEARS
Warranty

IP65

IK10

Easy installation

0/1-10V/DALI

50,000H

-20°C~ + 50°C

4/10KV

High brightness

Efficient heat dissipation

ETL Intertek

CB

CE

RoHS



RL-BL3291

RL-BL3292

Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Outdoor waterproof

Waterproof lamp body



Applications

The main use of landscape lighting, park, villa courtyard,



Parameters

Model number	RL-BL3291	RL-BL3292
Power	8W	10W
Material	Aluminum+glass	
COL. TEMP	3000K/4000K/6000K	
DIM.OP	0-10V/1-10V/DALI	
Size(mm)	L126*H600	L180*H750
Colour	GREY/BLACK/WOODEN/CUSTOMIZABLE	
CRI	>80	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
IP Rating	IP65	
LIFE	50000 hours	
Warranty	5 years	

RL-BL3293/3294/3295



100LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



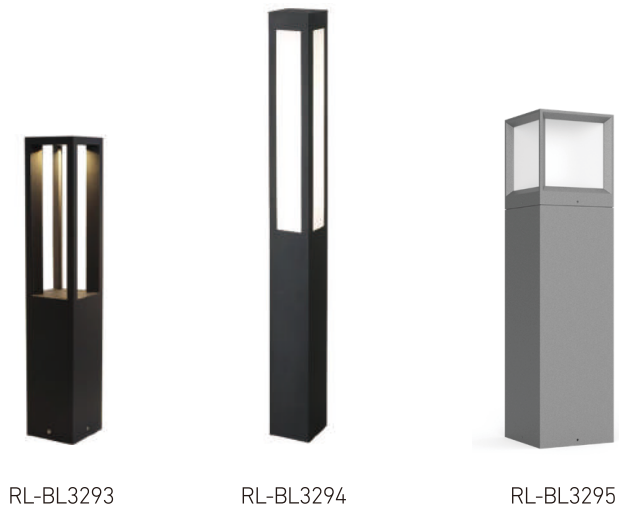
Efficient heat dissipation



CB



RoHS



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



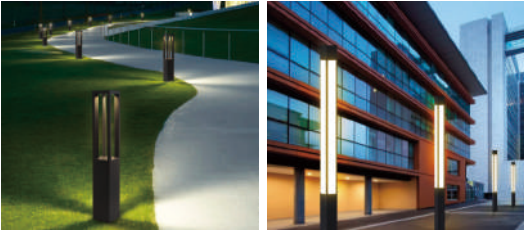
Outdoor waterproof

Waterproof lamp body



Applications

The main use of landscape lighting, park, villa courtyard,



Parameters

Model number	RL-BL3293	RL-BL3294	RL-BL3295
Power	10-15W	10-15W	10-15W
Material	Aluminum+glass		
COL. TEMP	3000K/4000K/6500K		
DIM.OP	0-10V/1-10V/DALI		
Size(mm)	D150H800	D160H800	D150H800
Colour	GREY/BLACK/WOODEN/CUSTOMIZABLE		
CRI	>80		
PF	0.9		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP65		
LIFE	50,000 hours		
Warranty	5 years		

RL-BL3296/3297



100LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



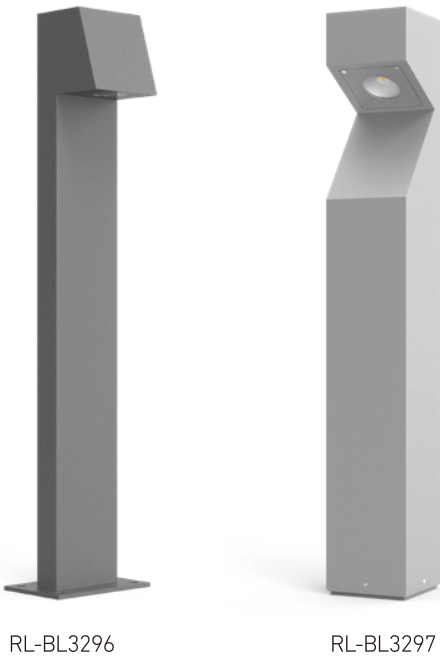
Efficient heat dissipation



CB



RoHS



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Outdoor waterproof

Waterproof lamp body



Applications

The main use of landscape lighting, park, villa courtyard,



Parameters

Model number	RL-BL3296	RL-BL3297
Power	10W	5-12W
Material	Aluminum+acrylic	
COL. TEMP	3000K/4000K/6500K	
DIM.OP	0-10V/1-10V/DALI	
Size(mm)	L105*H700	L150*H800
Colour	GREY/BLACK/WOODEN/CUSTOMIZABLE	
CRI	>80	
PF	0.9	
DRIVER	INCLUDED	
VOLTAGE	100-240V	
IP Rating	IP65	
LIFE	50,000 hours	
Warranty	5 years	

RL-BL3298-SERIES



100LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Outdoor waterproof

Waterproof lamp body



E27 Light source interface

Easy to change the light source



Applications

The main use of landscape lighting, park, villa courtyard,



Parameters

Power	E27 TYPE
Material	Aluminum+acrylic
COL. TEMP	3000K/4000K/6500K
Size(mm)	D108*H400/H600/H800
DIM.OP	0-10V/1-10V/DALI
Colour	GREY/BLACK/WOODEN/CUSTOMIZABLE
IP Rating	IP65
LIFE	50000 hours
Warranty	5 years

RL-BL3299-15W



100LM/W



Warranty



IP65



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



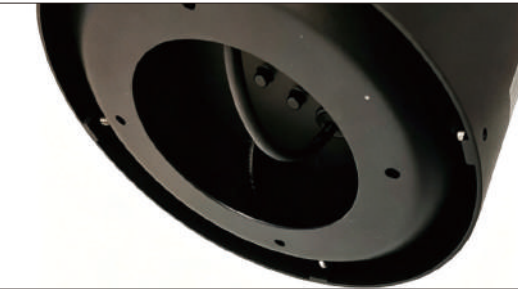






Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Outdoor waterproof

Waterproof lamp body



Applications

The main use of landscape lighting, park, villa courtyard,



Parameters

Power	15W
Material	Aluminum+glass
COL. TEMP	3000K/4000K/6500K
Size(mm)	D210*H205
Colour	GREY/BLACK/CUSTOMIZABLE
DIM.OP	0-10V/1-10V/DALI
Chip	COB
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
IP Rating	IP54
LIFE	50000 hours
Warranty	5 years

LED GARDEN LIGHT



RL-FL5222-SERIES

HIGH-EFFICIENCY OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.

- 
110-120LM/W
- 
Warranty
- 
IP65
- 
IK08
- 
Easy installation
- 
0/1-10V/DALI
- 
50,000H
- 
-20°C~ + 50°C
- 
4/10KV
- 
High brightness
- 
Efficient heat dissipation





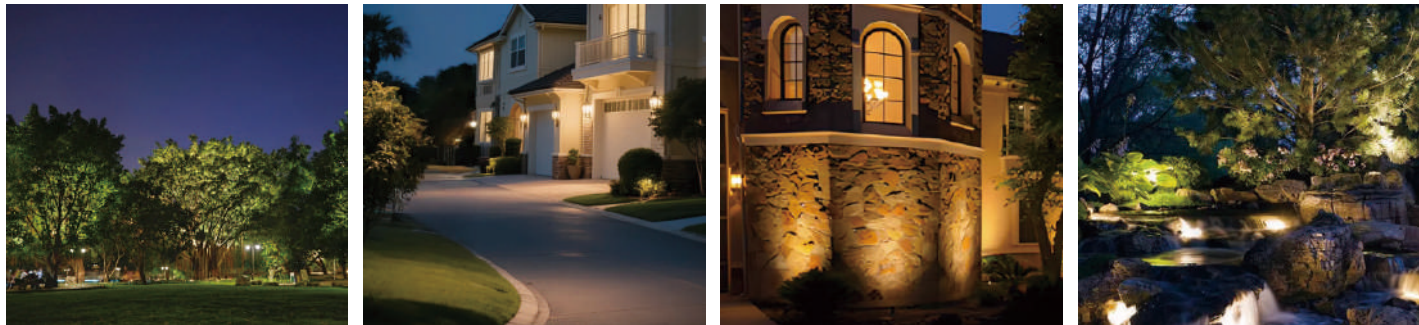
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment.

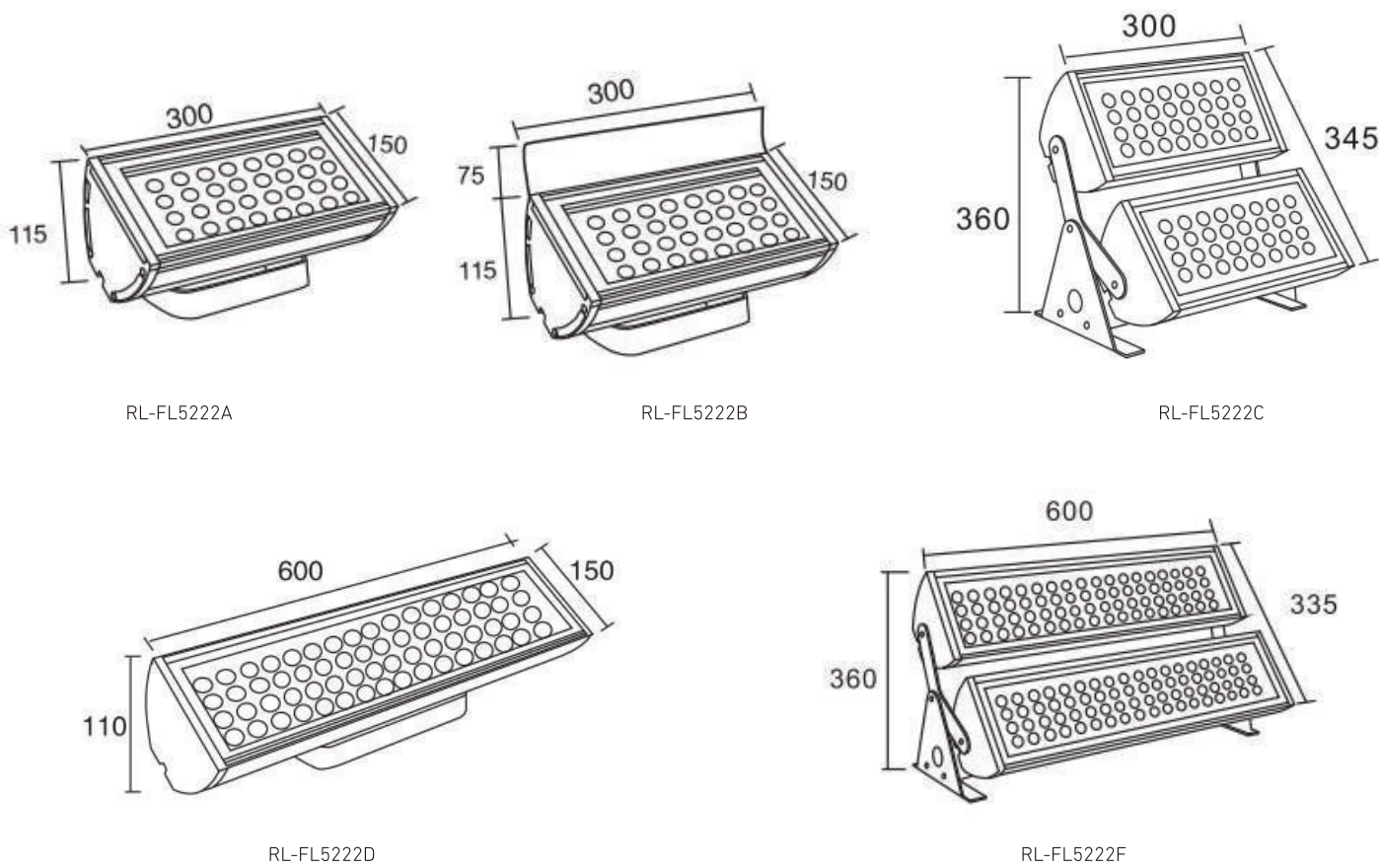


Applications

The main use of landscape lighting, park, villa courtyard, building exterior wall.



Dimension [MM]



Parameters

Model number	RL-FL5222A	RL-FL5222B	RL-FL5222C	RL-FL5222D	RL-FL5222F
Power	36W	36W	36W*2	72W	72W*2
Material	Aluminum+glass				
Beam angle	5/15/25/45/60/90°				
LUMENS	110-120LM/W				
Color temperature	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
ADJUSTABLE	YES				
CHIP	COB				
COLOR	WHITE/BLACK/CUSTOMIZABLE				
CRI	>90				
PF	0.95				
DRIVER	INCLUDED				
VOLTAGE	100-240V				
IP Rating	IP65				
LIFE	50000 hours				
Warranty	5 Years				

RL-FL5223-SERIES

HIGH-EFFICIENCY OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.



110-120LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV

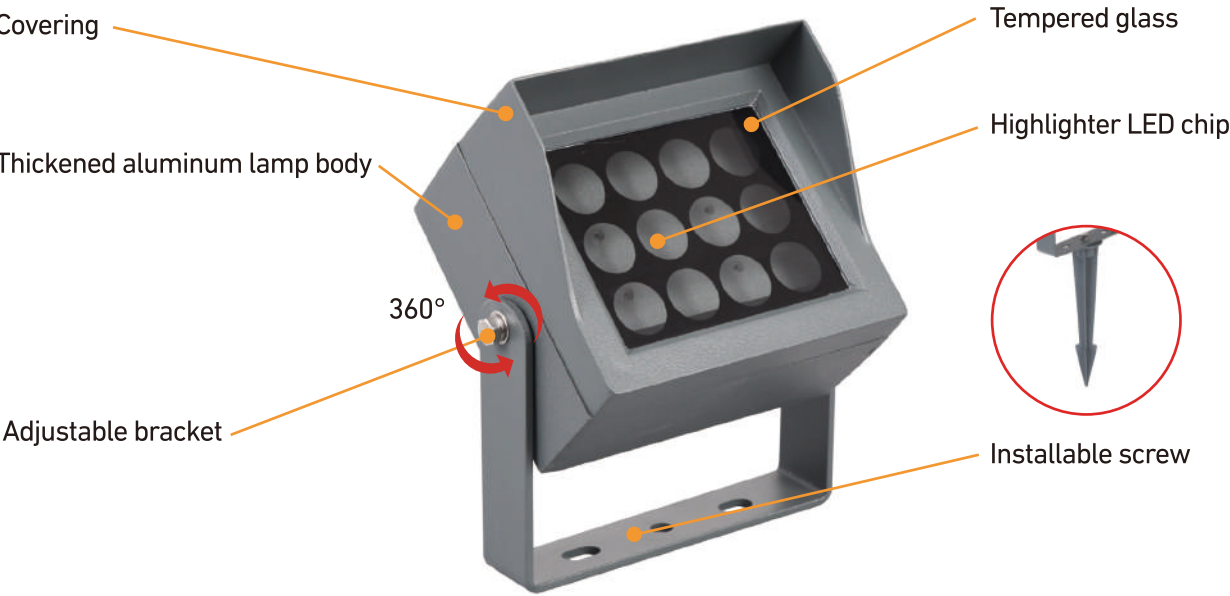


High brightness



Efficient heat dissipation





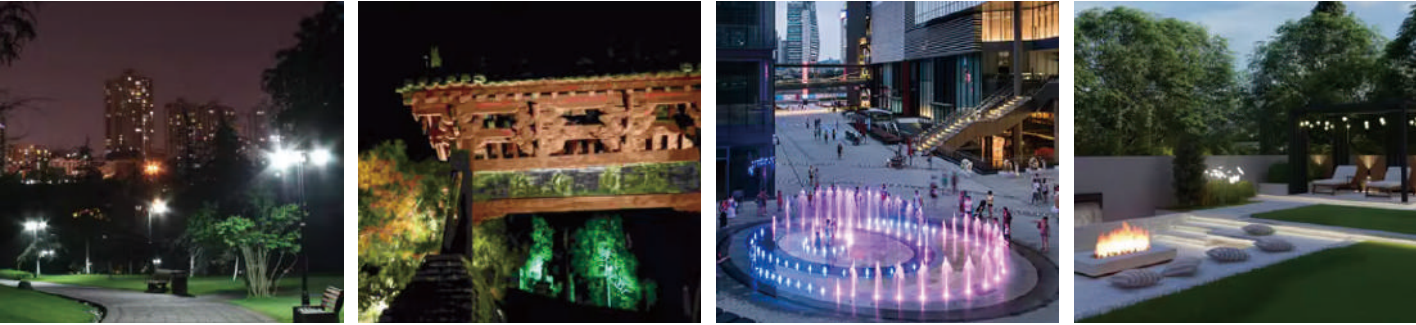
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment.

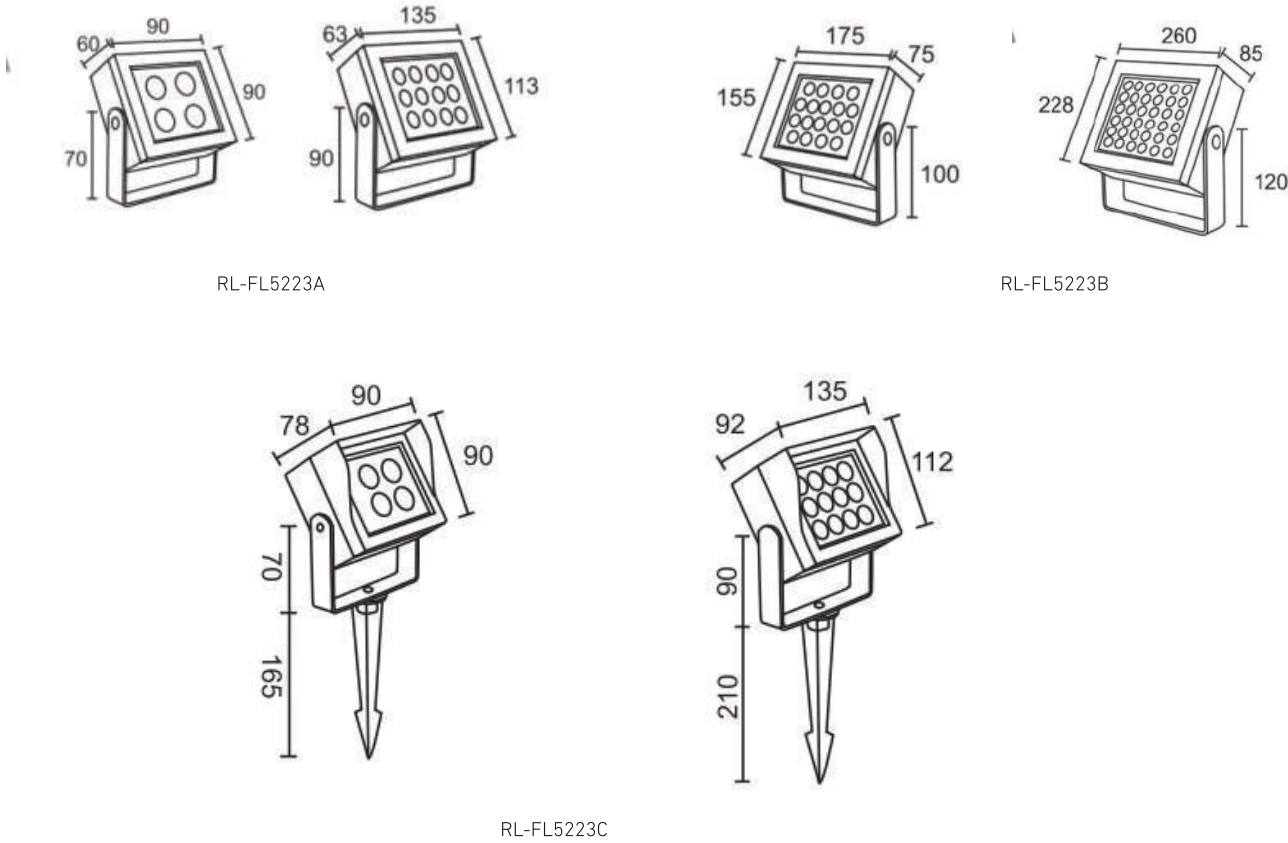


Applications

The main use of landscape lighting, park, villa courtyard, building exterior wall.



Dimension [MM]



Parameters

Model number	RL-FL5223A	RL-FL5223B	RL-FL5223C
Power	4W,9/12W,18/24W,36/54W	4W,9/12W,18/24W,36/54W	4W,9/12W
Material	Aluminum+glass		
Beam angle	5/15/25/45/60/90°		
LUMENS	110-120LM/W		
Color temperature	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI/512DMX		
ADJUSTABLE	YES		
CHIP	COB		
COLOR	WHITE/BLACK/CUSTOMIZABLE		
CRI	>90		
PF	0.95		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP65		
LIFE	50000 hours		
Warranty	5 Years		

RL-SP3010-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.


110-120LM/W


Warranty


IP65


IK08


Easy installation


0/1-10V/DALI


50,000H


-20°C~ + 50°C


4/10KV


High brightness


Efficient heat dissipation



SPL3010A



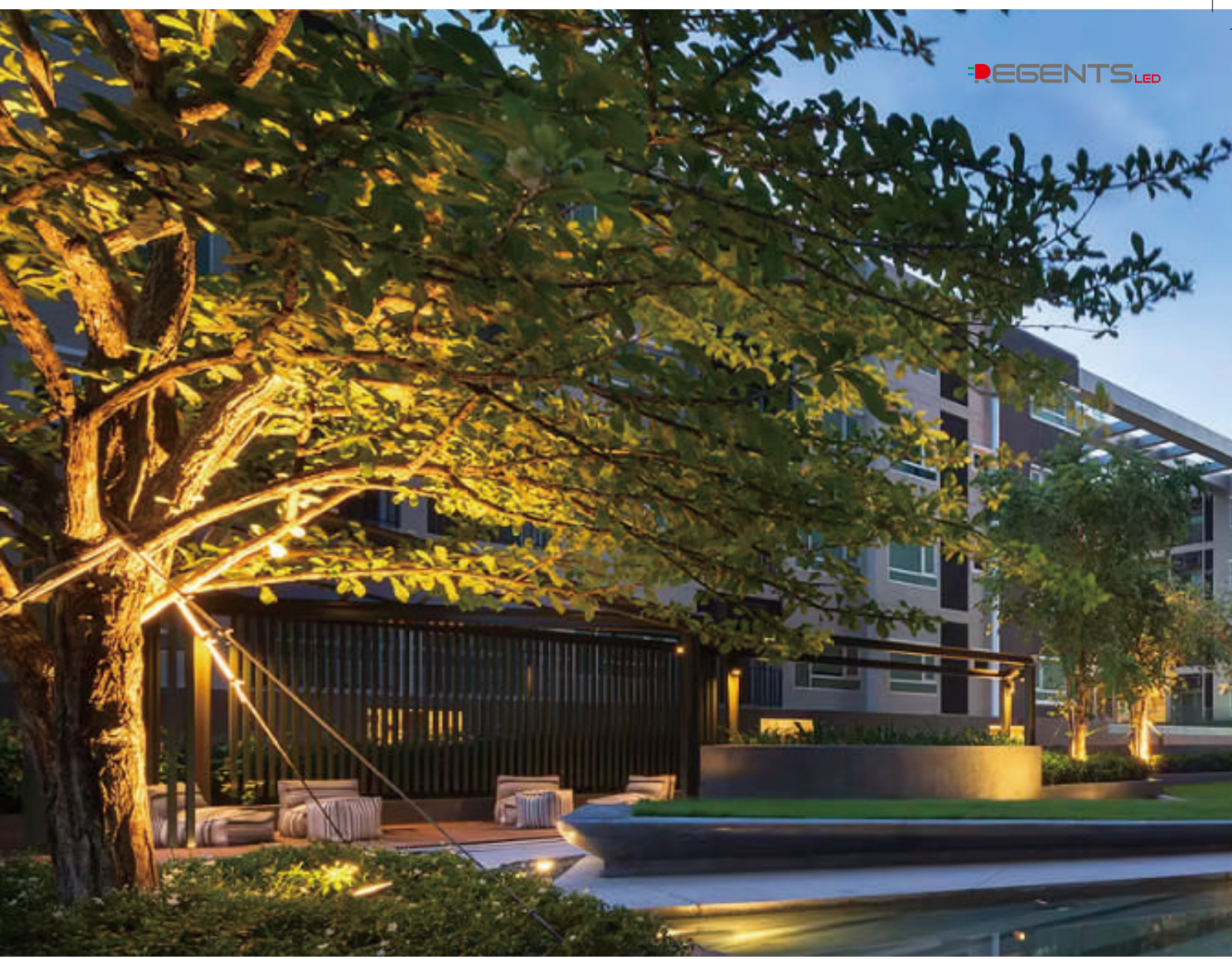
RL-SPL3010B



RL-SPL3010C



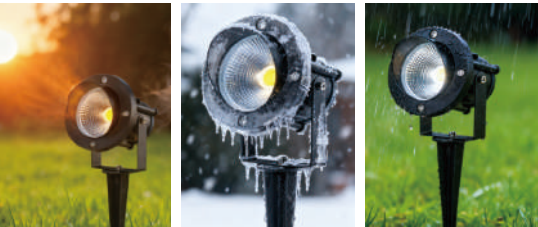
RL-SPL3010D





Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Optical high polymer lens

High light transmittance, long range, and uniform light output



Applications

The main use of landscape lighting, park, villa courtyard,



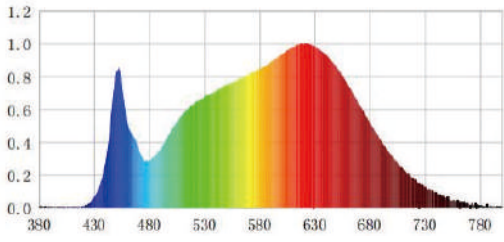
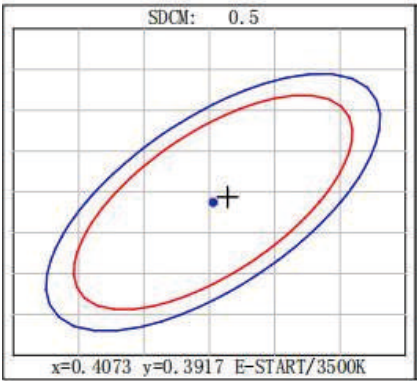
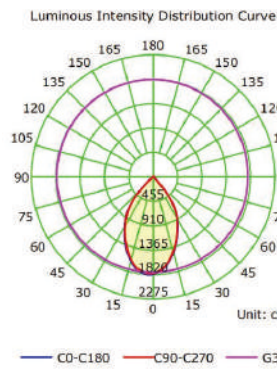
Double waterproof screws

The outlet hole is equipped with multiple layers of waterproof silicone and stainless steel screws.



Double waterproof screws

High-quality aluminum is cast and formed, and the surface is treated with outdoor-specific heat-curing powder coating.



Parameters

Model number	RL-SPL3010A/RL-SPL3010B/RL-SPL3010C/RL-SPL3010D		
Power	3W	6W	12W
Material	Die cast aluminium+glass		
Beam angle	30°/45°		
LUMENS	90LM/W		
Color temperature	3000K/4000K/6500K		
Size	φ60mm	φ75mm	φ95mm
ADJUSTABLE	YES		
DIM.OP	0-10V/1-10V/DALI		
CHIP	Bridgelux COB		
COLOR	WHITE/BLACK/CUSTOMIZABLE		
CRI	>90		
PF	0.95		
DRIVER	INCLUDED		
VOLTAGE	220-240V		
Installation mode	Surfaced		
IP Rating	IP65		
LIFE	50000 hours		
Warranty	5 Years		

RL-SP3011-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatmentof anti-corrosion and UV-proof powder coating. Glass difuser.



110-120LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



RL-SP3011A

RL-SP3011B

Applications

The main use of landscape lighting, park, villa courtyard,



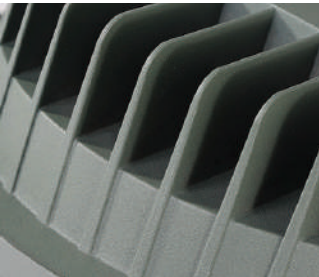
Waterproof plug

High-quality waterproof plug



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Highlighting light bulb

Optical lens + Bridgelux chip

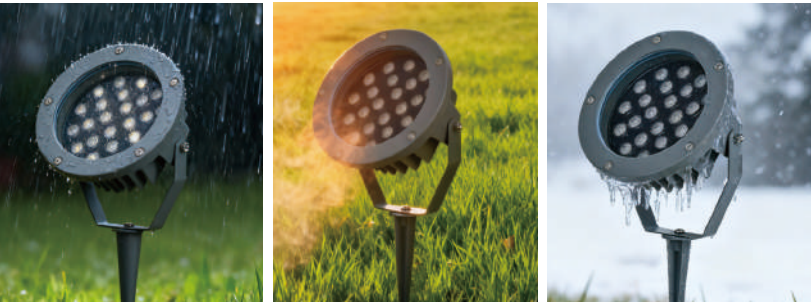


Adjustable support bracket

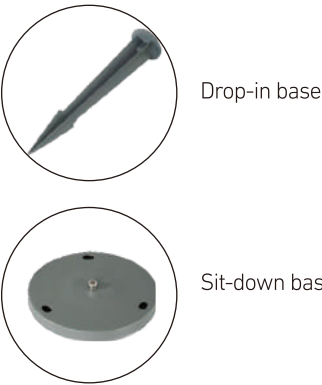


Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Two styles



Parameters

Model number	RL-SP3011A/RL-SP3011B						
Power	3W	9W	12W	18W	24W	36W	48W
Material	Aluminum+glass						
Beam angle	15°/30°/45°						
LUMENS	90LM/W						
Color temperature	3000K/4000K/6500K						
Size(mm)	D65*H135	D125*H160	D155*H175	D185*H175	D205*H200	D235*H290	D285*H220
DIM. OP	0-10V/1-10V/DALI						
ADJUSTABLE	YES						
CHIP	SMD						
COLOR	WHITE/BLACK/CUSTOMIZABLE						
CRI	>80						
PF	0.5			0.95			
DRIVER	INCLUDED						
VOLTAGE	100-240V						
IP Rating	IP65						
LIFE	50000 hours						
Warranty	5 Years						
Color	Black/White/Gray						

RL-SP3012-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.


100LM/W


Warranty


IP65


IK08


Easy installation


0/1-10V/DALI


50,000H


-20°C~ + 50°C


4/10KV


High brightness


Efficient heat dissipation



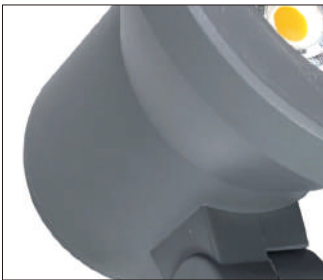
Waterproof plug

High-quality waterproof plug



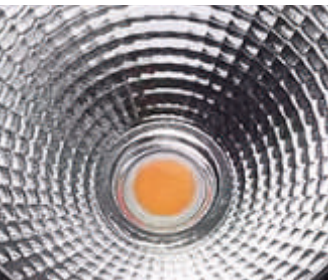
Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Highlighting light bulb

Optical lens + Bridgelux chip

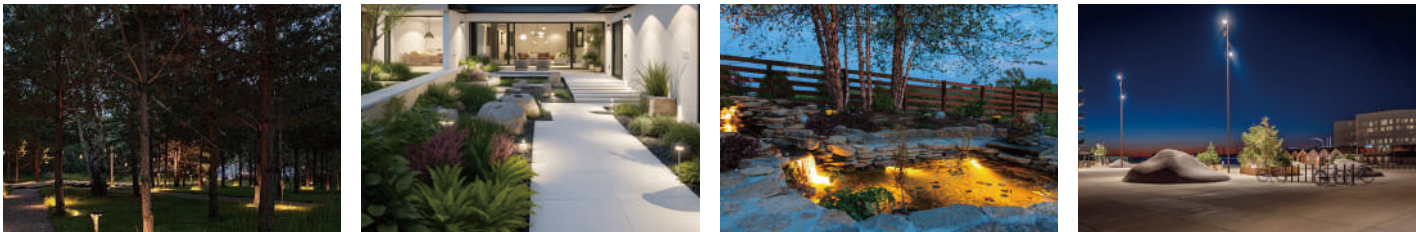


Adjustable support bracket



Applications

The main use of landscape lighting, park, villa courtyard,

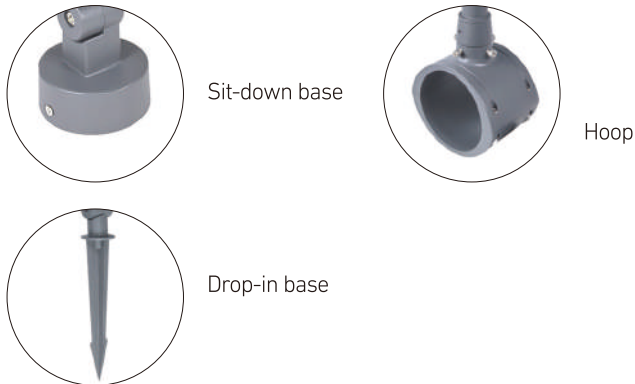


Outdoor Protection

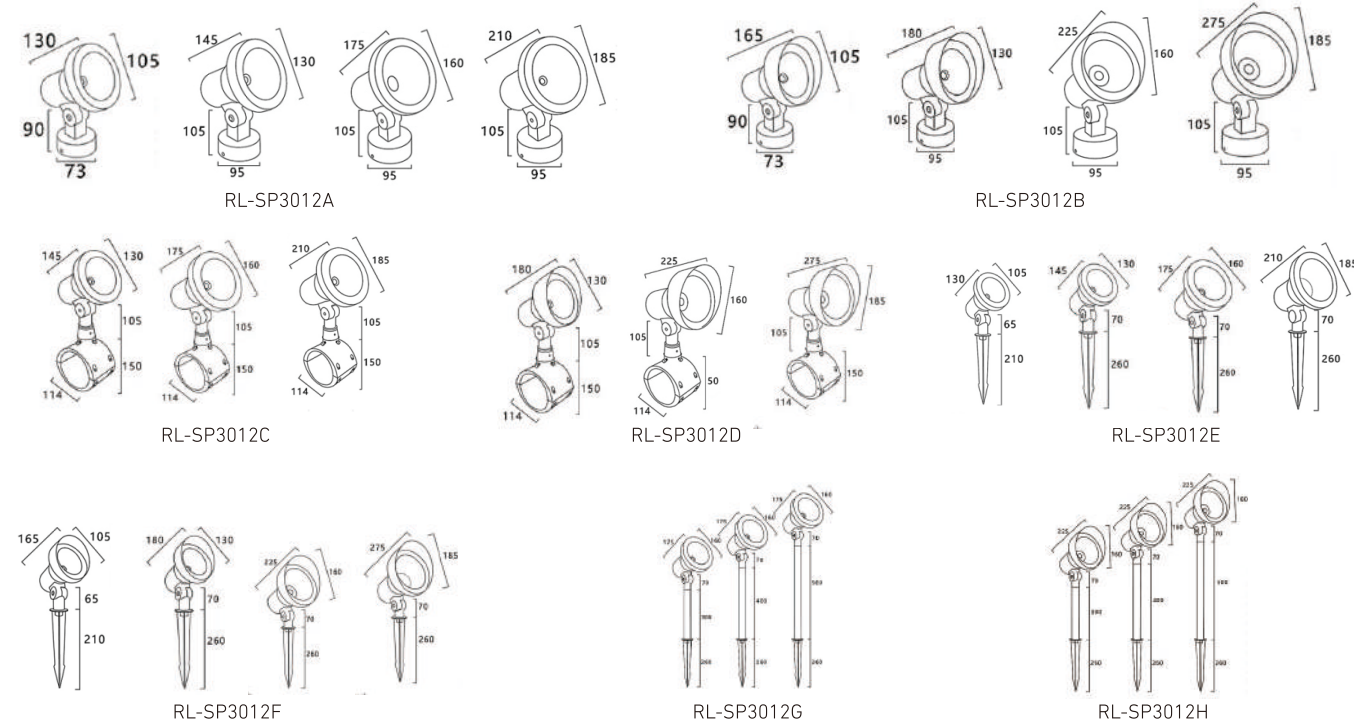
IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Multiple installation options



Dimensions



Parameters

Model number	RL-SP3012A	RL-SP3012B	RL-SP3012C	RL-SP3012D	RL-SP3012E	RL-SP3012F	RL-SP3012G	RL-SP3012H
Power	12/20/30/40W		20/30/40W		12/20/30/40W		12/20/30W	
Material	Aluminum+glass							
Beam angle					25/60°			
LUMENS					100LM/W			
Color temperature					3000K/4000K/6500K			
DIM. OP					0-10V/1-10V/DALI			
ADJUSTABLE					YES			
CHIP					COB			
COLOR	WHITE/BLACK/CUSTOMIZABLE							
CRI	CRI				>80			
PF	PF				0.9			
DRIVER	DRIVER				INCLUDED			
VOLTAGE	VOLTAGE				100-240V			
IP Rating	IP Rating				IP65			
LIFE	LIFE				50000 hours			
Warranty	Warranty				5 Years			

RL-SPL3013-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LAMP SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.



100LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



Applications

Suitable for outdoor lighting, balconies, courtyards, store signs, billboards



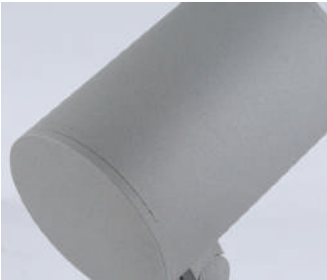
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-SPL3013			
Power	10W	20W	30W	40W
Size	φ90*H190mm	φ110*H210mm	φ145*H245mm	φ160*H265mm
Material	Aluminum+glass			
Beam angle	38°/45°/60°	24°/38°/60°	24°/60°	40°
LUMENS	100LM/W			
Color temperature	3000K/4000K/6500K			
DIM. OP	0-10V/1-10V/DALI			
ADJUSTABLE	YES			
CHIP	COB			
COLOR	WHITE/BLACK/CUSTOMIZABLE			
CRI	>90			
PF	0.5			
DRIVER	INCLUDED			
VOLTAGE	100-240V			
IP Rating	IP65			
LIFE	50000 hours			
Warranty	5 Years			

RL-SP3014-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.



100LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness

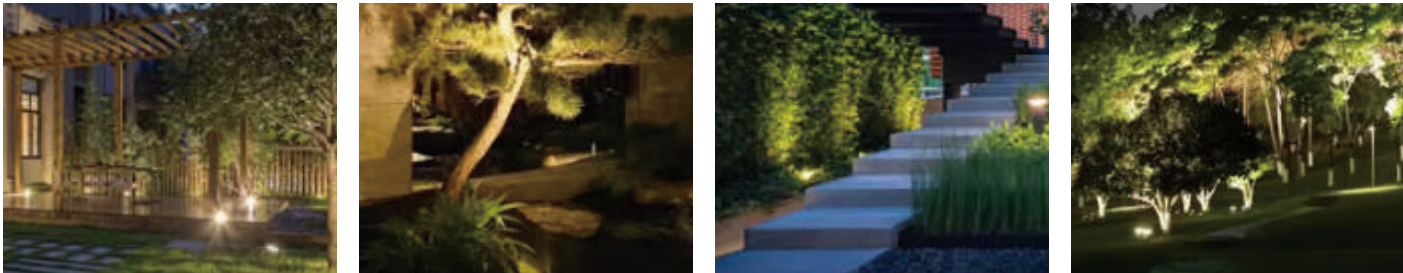


Efficient heat dissipation



Applications

The main use of landscape lighting, park, villa courtyard,



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Multiple installation options



Waterproof plug

High-quality waterproof plug



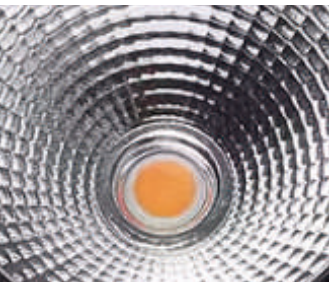
Aluminum lamp body

Strong and durable, with excellent heat dissipation performance

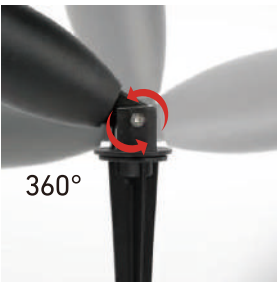


Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-SP3014A		RL-SP3014B
SIZE	φ64*H195mm		φ64*H365mm
Power	5-8W		
Material	Aluminum+glass		
Beam angle	24/38°		
LUMENS	100LM/W		
Color temperature	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
ADJUSTABLE	YES		
CHIP	COB		
COLOR	WHITE/BLACK/CUSTOMIZABLE		
CRI	>90		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP65		
LIFE	50000 hours		
Warranty	5 Years		

RL-SP3015-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.



100LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



RL-SP3015A

RL-SP3015B

Applications

The main use of landscape lighting, park, villa courtyard,



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Multiple installation options



Waterproof plug

High-quality waterproof plug



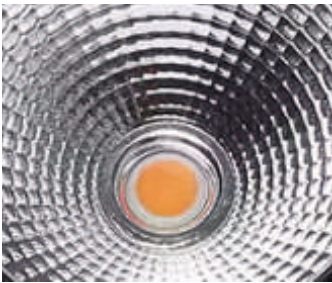
Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-SP3015A		RL-SP3015B
SIZE	φ65*135*H170mm		φ65*135*H210mm
Power	COB10W/GU10 TYPE		
Material	Aluminum+glass		
Beam angle	15/24/38°		
LUMENS	100LM/W		
Color temperature	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
ADJUSTABLE	YES		
CHIP	COB		
COLOR	WHITE/BLACK/CUSTOMIZABLE		
CRI	>90		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP65		
LIFE	50000 hours		
Warranty	5 Years		

RL-SP3016-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION

For outdoor installation, Made of high-quality aluminum with treatment of anti-corrosion and UV-proof powder coating. Glass difuser.


100LM/W


Warranty


IP65


IK08


Easy installation


0/1-10V/DALI


50,000H


-20°C~ + 50°C


4/10KV


High brightness


Efficient heat dissipation



RL-SP3016C



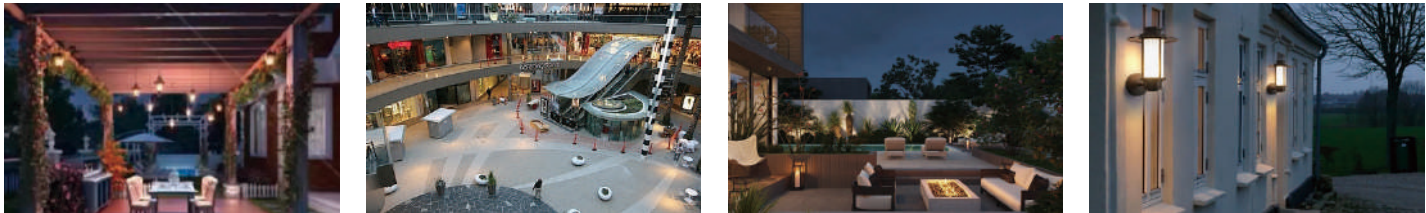
RL-SP3016A



RL-SP3016B

Applications

Suitable for outdoor lighting, balconies, courtyards, store signs, billboards



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Waterproof plug

High-quality waterproof plug



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance



Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-SP3016A		RL-SP3016B			RL-SP3016C		
Power	5-7W	10W	15W	20W	5W	8W	12W	18W
Material	Aluminum+glass							
Beam angle	15 ° 24° 36°	15 ° 24° 37°			15 ° 24° 36°			
LUMENS	100LM/W							
Color temperature	3000K/4000K/6500K							
DIM. OP	0-10V/1-10V/DALI							
ADJUSTABLE	YES							
CHIP	COB							
SIZE	WHITE/BLACK/CUSTOMIZABLE							
CRI	>90							
PF	0.5							
DRIVER	INCLUDED							
VOLTAGE	100-240V							
IP Rating	IP65							
LIFE	50000 hours							
Warranty	5 Years							

RL-SP3017-SERIES

HIGH-EFFICIENCY LED OUTDOOR LAWN LIGHTS SOLUTION



100LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



RL-SP3017A



RL-SP3017B

Applications

Suitable for outdoor lighting, courtyards, park



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



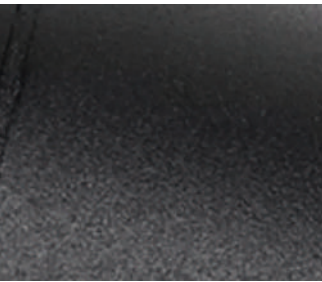
Waterproof plug

High-quality waterproof plug



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance

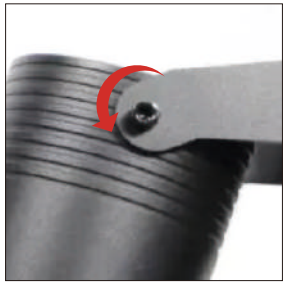


Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

MODEL NUMBER	RL-SP3017A		RL-SP3017B
POWER	10W		
MATERIAL	Aluminum+glass		
BEAM ANGLE	15 ° 24° 36°		
LUMENS	100LM/W		
COLOR TEMPERATURE	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
ADJUSTABLE	YES		
CHIP	COB		
SIZE	φ65*H125MM		φ65*H185MM
CRI	>90		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP65		
LIFE	50000 hours		
Warranty	5 Years		
COLOR	WHITE/BLACK/CUSTOMIZABLE		

RL-SP3018-SERIES
RL-SP3019-SERIES

HIGH-EFFICIENCY
LED Outdoor Lawn lamp
SOLUTION

For outdoor installation, Made of high-quality aluminum with treatmentof anti-corrosion and UV-proof powder coating. Glass difuser.



100LM/W



Warranty



IP65



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



Applications

Suitable for outdoor lighting, courtyard, villa, trail, park



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Waterproof plug

High-quality waterproof plug



Aluminum lamp body

Strong and durable, with excellent heat dissipation performance

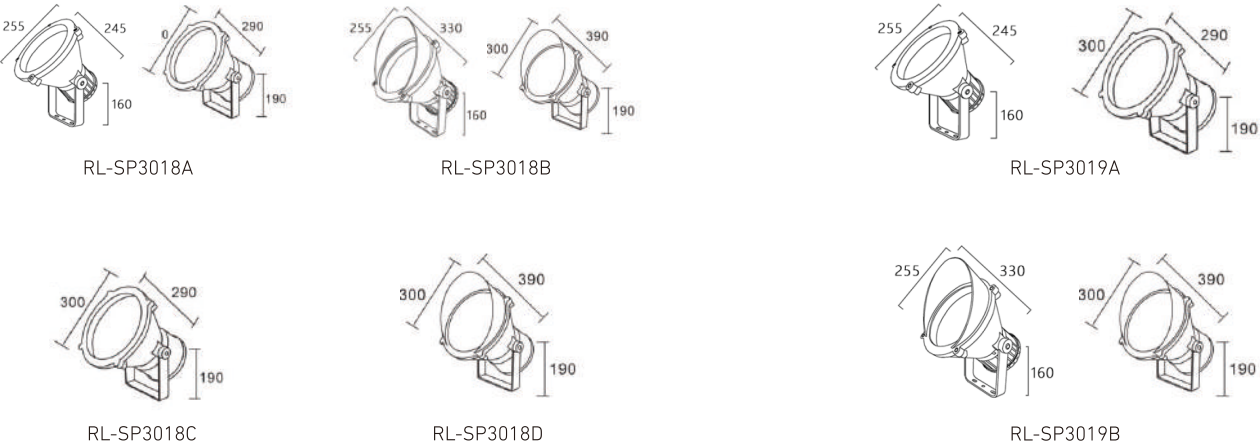
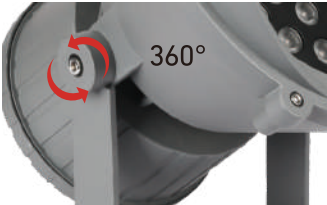


Highlighting light bulb

Optical lens + Bridgelux chip



Adjustable support bracket



Parameters

Model number	RL-SP3018A	RL-SP3018B	RL-SP3018C	RL-SP3018D	RL-SP3019A	RL-SP3019B
Power	36W/60W		60W		36W,60-80W	
Beam angle			60°		5/15/25/45/60/90°	
Light source	COB					
Material	Die-cast aluminum/toughened glass/waterproof apron					
LUMENS	80LM/W					
Color temperature	3000K/4000K/6500K					
DIM. OP	0-10V/1-10V/DALI					
ADJUSTABLE	YES					
CHIP	COB					
COLOR	WHITE/BLACK/CUSTOMIZABLE					
CRI	>80					
PF	0.5					
DRIVER	INCLUDED					
VOLTAGE	100-240V					
IP Rating	IP65					
LIFE	50000 hours					
Warranty	5 Years					

LED STEP LIGHT



RL-REC-WL-01/02/03-SERIES

HIGH-EFFICIENCY LED GARDEN LIGHT SOLUTION



80LM/W



Warranty



IP54



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



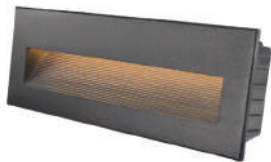
Efficient heat dissipation



RL-REC-WL01



3W



5W/10W

RL-REC-WL02



RL-REC-WL03

Applications

Outdoor stairs, sun, passageway, courtyard



Waterproof isolation drive

Easy to deal with thunderstorm weather, prolong the service life of the lamp



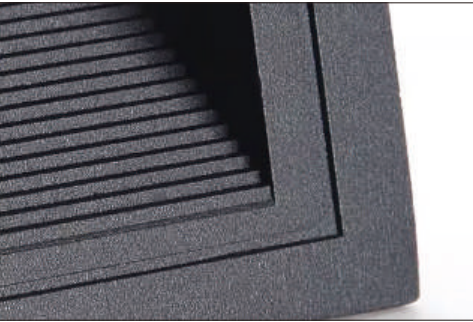
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Aluminum lamp body

Surface matte spray paint, not easy to rust



Parameters

Model number	RL-REC-WL01		RL-REC-WL02		RL-REC-WL03	
Power	3W	3W	5W	10W	3W	5W
Material	Aluminum					
Beam angle	110°					
LUMENS	80LM/W					
Color temperature	3000K/4000K/6500K					
Size(mm)	L58*W58*H46	L125*W55*H54	L170*W70*H50	L255*W75*H58	L110*W45*H55	L185*W40*H45
Cut out(mm)	L48*W48*H46	L100*W43*H54	L162*W60*H50	L250*W68*H58	L108*W44*H53	L178*W40*H45
DIM. OP	0-10V/1-10V/DALI					
ADJUSTABLE	NO					
COLOUR	BLACK/WHITE					
CHIP	SMD					
CRI	>80					
PF	0.5					
DRIVER	INCLUDED					
VOLTAGE	100-240V					
IP Rating	IP54					
LIFE	50000 hours					
Warranty	5 Years					

RL-REC-WL-04/05-SERIES

HIGH-EFFICIENCY STEP LIGHT SOLUTION


80LM/W


Warranty


IP54


IK08


Easy installation


0/1-10V/DALI

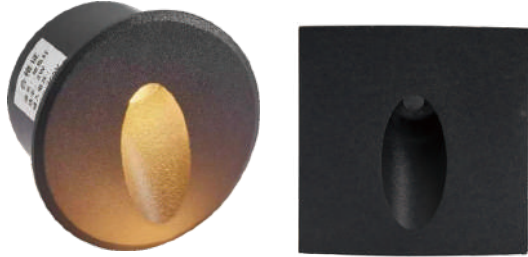

50,000H


-20°C~ + 50°C


4/10KV


High brightness

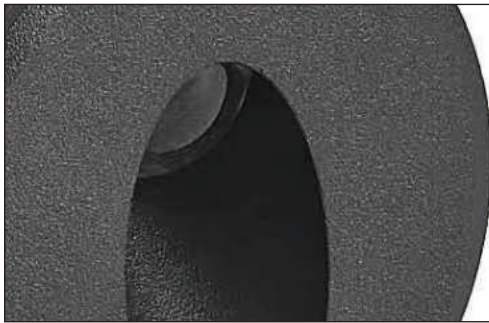

Efficient heat dissipation



RL-REC-WL-04 RL-REC-WL-05

Aluminum lamp body

Surface matte spray paint, not easy to rust



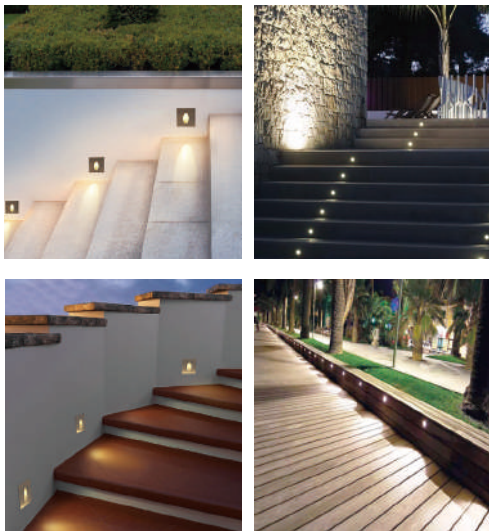
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments



Applications

Outdoor stairs, sun, passageway, courtyard



Parameters

Model number	RL-REC-WL-04			RL-REC-WL-05
Power	3W			
Material	ALUMINIUM+PC			
Beam angle	110°			
LUMENS	80LM/W			
Color temperature	3000K/4000K/6500K			
Size(mm)	φ68*60	φ82*65	L68*W68*H60	L86*W86*H50
Cut out(mm)	φ50*H60	φ65*H65	φ50*H60	L68*W68*H50
DIM. OP	0-10V/1-10V/DALI			
ADJUSTABLE	NO			
COLOUR	BLACK/WHITE			
CHIP	SMD			
CRI	>80			
PF	0.5			
DRIVER	INCLUDED			
VOLTAGE	100-240V			
IP Rating	IP54			
LIFE	50000 hours			
Warranty	5 Years			

RL-REC-WL-06/07-SERIES

HIGH-EFFICIENCY STEP LIGHT SOLUTION


80LM/W


Warranty


IP54


IK08


Easy installation


0/1-10V/DALI

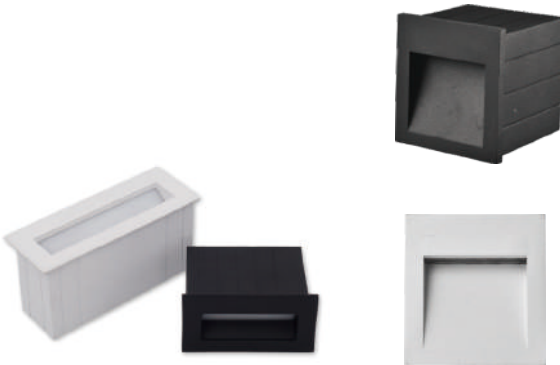

50,000H


-20°C~ + 50°C


4/10KV


High brightness

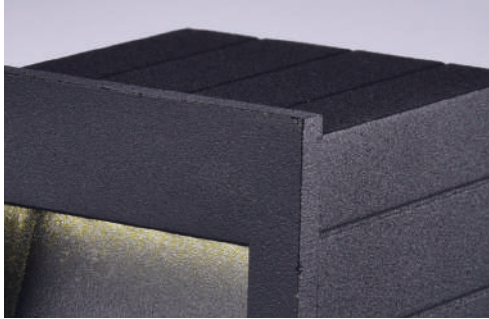

Efficient heat dissipation



RL-REC-WL-06 RL-REC-WL-07

Aluminum lamp body

Surface matte spray paint, not easy to rust



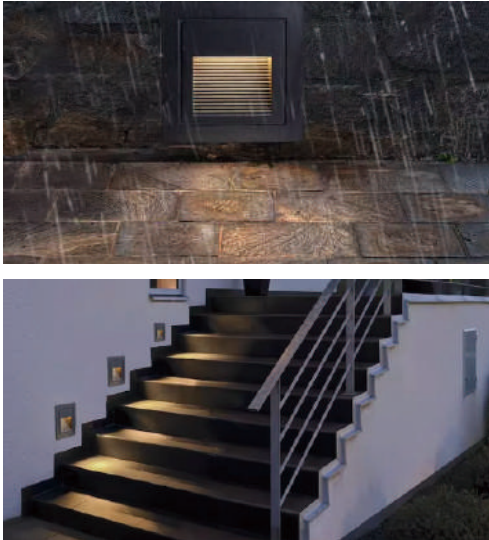
Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments



Applications

Outdoor stairs, sun, passageway, courtyard



Parameters

Model number	RL-REC-WL-06		RL-REC-WL-07
Power	3W		
Material	ALUMINIUM+Acrylic		ALUMINIUM+Glass
Beam angle	110°		
LUMENS	80LM/W		
Color temperature	3000K/4000K/6500K		
Size(mm)	L90*W51*H64	L135*W51*H65	L86*W86*H50
Cut out(mm)	L82*W42*H64	L122*W42*H64	L68*W68*H50
DIM. OP	0-10V/1-10V/DALI		
ADJUSTABLE	NO		
COLOUR	BLACK/WHITE		
CHIP	SMD		
CRI	>80		
PF	0.5		
DRIVER	INCLUDED		
VOLTAGE	100-240V		
IP Rating	IP54		
LIFE	50000 hours		
Warranty	5 Years		

RL-SW2267-SERIES

HIGH-EFFICIENCY STEP LIGHT SOLUTION



60LM/W



Warranty



IP20



Induction



Easy installation



0/1-10V/DALI



50,000H



-20°C~+50°C



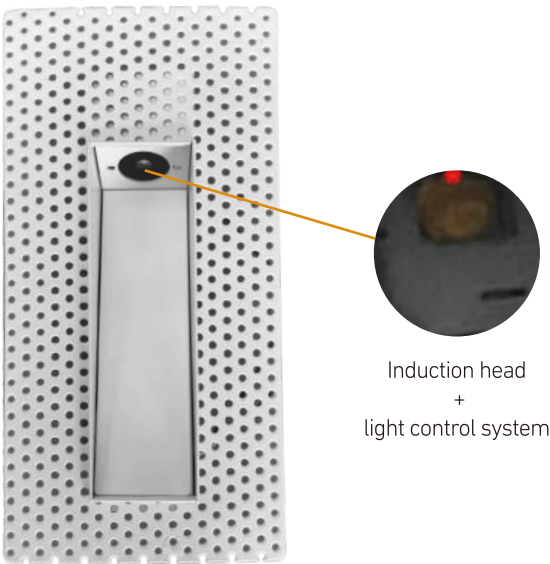
4/10KV



High brightness



Efficient heat dissipation



Metal lamp body

Spray painted panel, delicate texture, durable



10G radar induction technology

The maximum sensing distance is 3 meters, and the sensing Angle is 120°
(Induction mode adjustable: constant light mode - induction + light control + pure)



Applications

Indoors stairs, sun, passageway, courtyard



Parameters

Model number	RL-SW2267
Power	3W
Material	Aluminum+Iron
Beam angle	15°
LUMENS	60LM/W
Color temperature	3000K/4000K/6500K
Size(mm)	L200*W100*H50
Cut out(mm)	L170*W40*H50
DIM. OP	0-10V/1-10V/DALI
ADJUSTABLE	NO
COLOUR	BLACK/WHITE
CHIP	SMD
CRI	>80
PF	0.5
DRIVER	INCLUDED
VOLTAGE	100-240V
IP Rating	IP20
LIFE	50000 hours
Warranty	5 Years

RL-WL2649-SERIES

HIGH-EFFICIENCY WINDOW SILL LIGHT SOLUTION



80LM/W



Warranty



IP54



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~+50°C



4/10KV



High brightness



Efficient heat dissipation



RL-WL-2649

RL-WL-2649B

Applications

Indoor indoor use, window sill, door frame, corridor



Aluminum lamp body

Surface matte spray paint, not easy to rust



Optical lens

Multi-refraction optical lens, high transmittance, uniform light



Parameters

Model number	RL-WL-2649	RL-WL-2649B
Power	6W	
Material	Aluminium+PC	
Beam angle	110°	
LUMENS	80LM/W	
Color temperature	3000K/4000K/6500K	
Size(mm)	L150*W60*H102	φ220*H70
DIM. OP	0-10V/1-10V/DALI	
ADJUSTABLE	NO	
COLOUR	BLACK/WHITE	
CHIP	CREE	
CRI	>80	
PF	0.5	
DRIVER	INCLUDED	
VOLTAGE	220V	
IP Rating	IP54	
LIFE	50000 hours	
Warranty	5 Years	



LED WALL WASHER



RL-SMWW-01-SERIES


80LM/W


Warranty


IP65


IK06


Easy installation


0/1-10V/DALI


30,000H


-20°C~ + 50°C


4/10KV


High brightness


Efficient heat dissipation



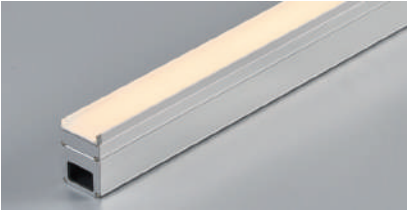


Regular style

Anti-glare net model

Tempered glass face mask

High strength, not easily broken, explosion-proof and rainproof



Aluminum lamp body

Anti-corrosion and rust, faster heat dissipation



Slot-type installation

Aluminum alloy embedded parts, not easy to deform

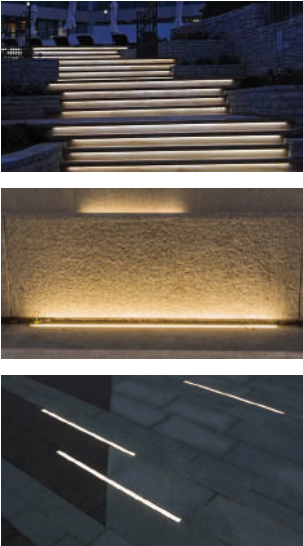


Parameters

Item No.	RL-SMWW-01				
Power	9W	12W	18W	24W	36W
Lumen	80LM/W				
Luminous angle	110°				
CCT	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
Adjustable	NO				
HOUSING	Aluminum+glass				
COLOUR	Silver				
CHIP	SMD				
CRI	>80				
IP rating	IP65				
PF	0.5				
VOLTAGE	220V				
Size(mm)	L300*W35*H65	L500*W35*H65	L600*W35*H65	L1000*W35*H65	L1200*W35*H65
LIFE	30000 hours				
Warranty	3 years				

Applications

Outdoor lighting, road indicator lights



RL-WW2638-SERIES


80LM/W


Warranty


IP65


IK06


Easy installation


0/1-10V/DALI


30,000H


-20°C~ + 50°C


4/10KV

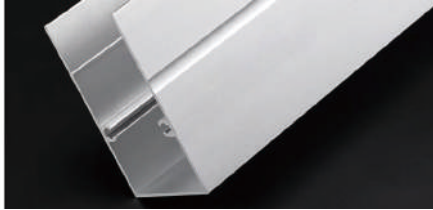

High brightness


Efficient heat dissipation



Slot-type installation

Aluminum alloy embedded parts, not easy to deform



Aluminum lamp body

Anti-corrosion and rust, faster heat dissipation



Parameters

Item No.	RL-WW2638				
Power	9W	12W	18W	24W	36W
Lumen	80LM/W				
Luminous angle	110°				
CCT	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
Adjustable	NO				
HOUSING	Aluminum+glass				
COLOUR	Silver				
CHIP	SMD				
CRI	>80				
IP rating	IP65				
PF	0.5				
VOLTAGE	220V				
Size(mm)	L300*W35*H65	L500*W35*H65	L600*W35*H65	L1000*W35*H65	L1200*W35*H65
LIFE	30000 hours				
Warranty	3 years				

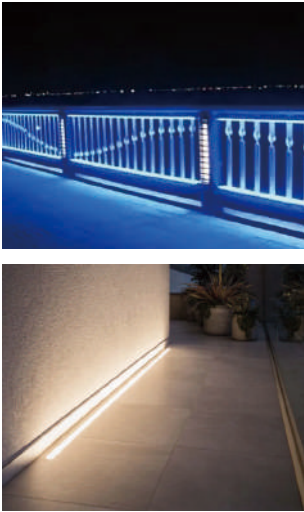
Tempered glass face mask

High strength, not easily broken, explosion-proof and rainproof



Applications

Outdoor lighting, building wall washing lighting, bridge lighting



RL-SMWW-02-SERIES



80LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



30,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









Optical lens
High light transmittance and uniform light emission



Adjustable bracket



Tempered glass face mask
High strength, not easily broken, explosion-proof and rainproof

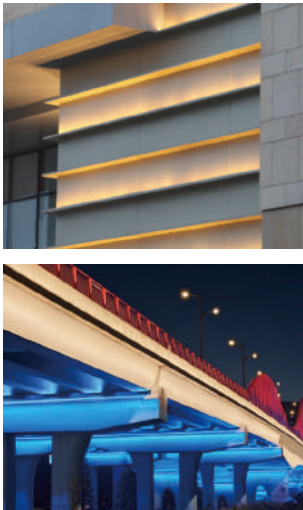


Silicone waterproof structure
IP65 waterproof rating, suitable for both indoor and outdoor use



Item No.	RL-SMWW-02				
Power	8W	12W	18W	24-36W	36-48W
Lumen	80LM/W				
Luminous angle	10° 30°45°60°				
CCT	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
Adjustable	NO				
HOUSING	304 stainless steel +aluminum+glass				
COLOUR	stainless steel color				
CHIP	SMD				
CRI	>80				
IP rating	IP65				
PF	0.5				
VOLTAGE	100-240V				
Size(mm)	L200*W40*H32	L300*W40*H32	L500*W40*H32	L1000*W40*H32	L1200*W40*H32
LIFE	30000 hours				
Warranty	3 years				

Applications
Outdoor lighting, building wall washing lighting, bridge lighting



RL-RECWW-01-SERIES



100LM/W



Warranty



IP67



IK06



Easy installation



0/1-10V/DALI



30,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









Optical lens
High light transmittance and uniform light emission



Tempered glass face mask
High strength, not easily broken, explosion-proof and rainproof

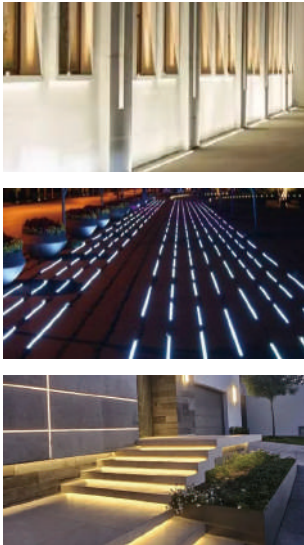


Silicone waterproof structure
IP65 waterproof rating, suitable for both indoor and outdoor use



Item No.	RL-RECWW-01				
Power	6W	9-12W	12-18W	18-24W	24-36W
Lumen	100LM/W				
Luminous angle	10° 30°45°60°				
CCT	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
Adjustable	NO				
HOUSING	304 stainless steel +aluminum+glass				
COLOUR	stainless steel color				
CHIP	SMD				
CRI	>80				
IP rating	IP67				
PF	0.5				
VOLTAGE	100-240V				
Size(mm)	L200*W80*H75	L300*W90*H75	L500*W90*H75	L600*W90*H75	L1000*W90*H75
Cut out(mm)	L190*75*H80	L285*75*H80	L485*75*H80	L585*75*H80	L985*75*H80
LIFE	30000 hours				
Warranty	3 years				

Applications
Outdoor lighting, road indicator lights



RL-BLW-SERIES



81LM/W



3 YEARS
Warranty



IP67



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









Safe low voltage
DC24V is safer to use



360-degree bend
Soft and flexible, capable of being bent freely



Silicone waterproof structure
IP65 waterproof rating, suitable for both indoor and outdoor use



Parameters

Item No.	RL-BLW
Power	20W
Lumen	81LM/W
Luminous angle	20° /25°/30°*45°
CCT	2700K/4000K/6500K/RGB/RGBW
DIM. OP	0-10V/1-10V/DALI/DMX512
Size	16*16mm (5M/ROLL)
HOUSING	FPCB+Silicon
CHIP	SMD
CRI	>80
VOLTAGE	24V DC
LIFE	30000 hours
Warranty	3 years

Applications

Advertising signs, villa bridges, lighting projects



RL-UW3035/3036/3037/3038



81LM/W



3 YEARS
Warranty



IP67/68



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Underwater lighting











Silicone waterproof structure
IP67/68 waterproof rating, suitable for both indoor and outdoor use



Parameters

Item No.	RL-UW3035						RL-UW3036			RL-UW3037	RL-UW3038
Power	6W	9W	12W	15W	18W	24W	6W	10-18W	18-35W	18/25/35W	
Lumen	100LM/W						80LM/W			60-70LM/W	80LM 50LM/W (RGB)
Luminous angle	10° 30°45°60°						120°				
CCT	3000K/4000K/6500K						3000K/4000K/6500K/RGBW			3000K/4000K/6500K /BLUE/RGB	
DIM. OP	0-10V/1-10V/DALI						ON/OFF/ SWITCH				
Adjustable	NO										
HOUSING	304 stainless steel +glass						RESIN+316SS			ABS+PC	RESIN+PC
COLOUR	stainless steel color									WHITE	SILVER
CHIP	SMD										
CRI	>70										
IP rating	IP67						IP68				
VOLTAGE	12V/24V										
Size(mm)	φ150*H68	φ168*H73	φ180*H73	φ210*H73	φ230*H73	φ250*H73	φ120*12	φ190*12	φ240*11	φ260*70	φ260*40
Cut out(mm)	φ140*H76	φ158*H76	φ170*H76	φ200*H76	φ220*H76	φ240*H76	/				
LIFE	20000 hours						30000 hours				
Warranty	2 years						3 years				

LED POINT LIGHT



LED POINT LIGHT

RL-N3030-18W-LE/HE

5
YEARS

Warranty

IP20

High brightness

Easy installation

Efficient heat dissipation

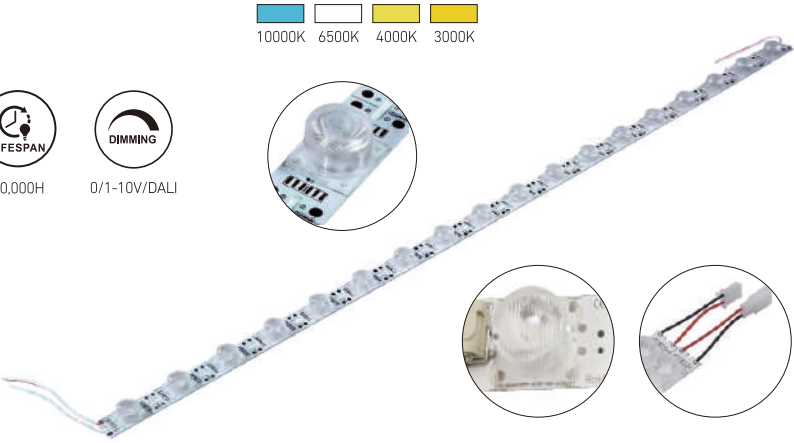
50,000H

0/1-10V/DALI

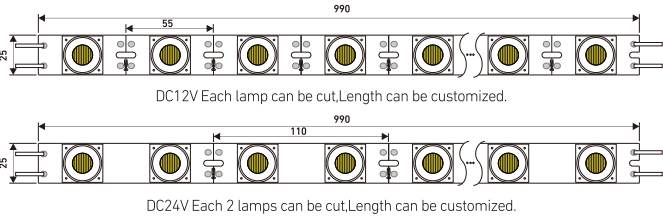


Parameters

Mode	RL-N3030-18W-LE	RL-N3030-18W-HE
Led Type	SMD 3030	
Led QTY	18 Leds	
Voltage	DC12V	DC24V
Power	28.8W	
Luminous flux	2160LM	
IP grade	IP20	
Driven Mode	Constant current	
DIM.OP	0-10V/1-10V/DALI/DMX512	
Warranty	5 Years	



Dimension(mm)



RL-E2835-18W-LE/HE

5
YEARS

Warranty

IP67

High brightness

Easy installation

Efficient heat dissipation

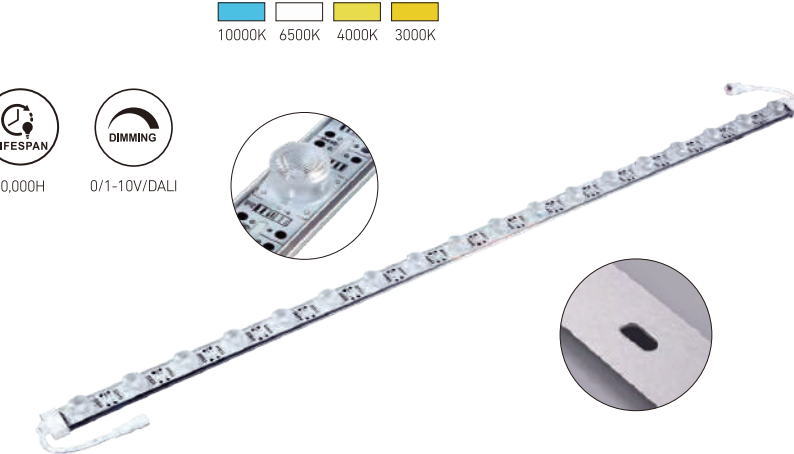
50,000H

0/1-10V/DALI

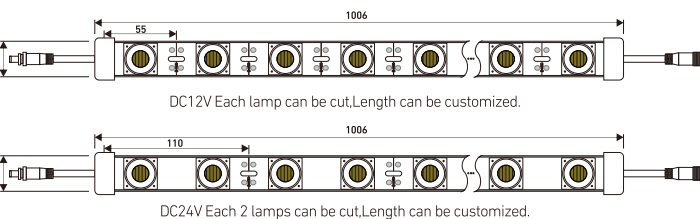


Parameters

Mode	RL-E2835-18W-LE	RL-E2835-18W-HE
Led Type	SMD 3030	
Led QTY	18 Leds	
Voltage	DC12V	DC24V
Power	28.8W	
Luminous flux	2160LM	
IP grade	IP67	
Driven Mode	Constant current	
DIM.OP	0-10V/1-10V/DALI/DMX512	
Warranty	5 Years	

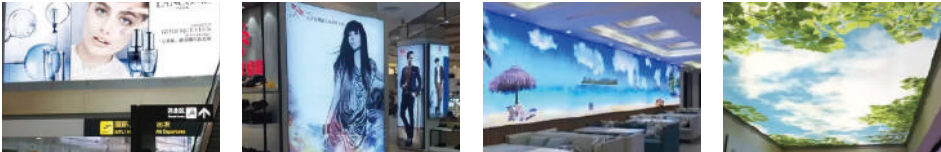


Dimension(mm)



Applications

Suitable for 80-200mm depth indoor single side light boxes & 100-250mm depth indoor double side light boxes



RL-E3030-18-RGB-LE

5
YEARS

Warranty

IP67

High brightness

Easy installation

Efficient heat dissipation

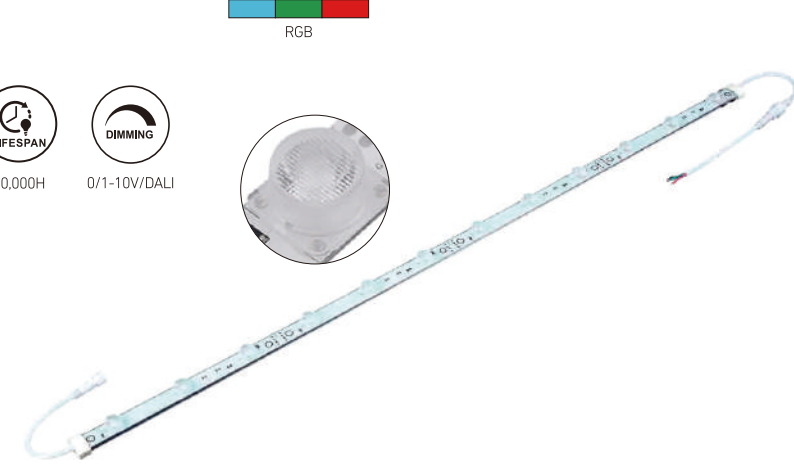
50,000H

0/1-10V/DALI

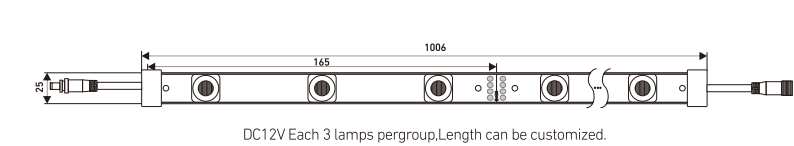


Parameters

Mode	RL-E3030-18-RGB-LE
Led Type	SMD 3030
Led QTY	18 Leds
Voltage	DC12V
Power	18W
Luminous flux	2160LM
IP grade	IP67
Driven Mode	Constant current
DIM.OP	0-10V/1-10V/DALI/DMX512
Warranty	5 Years



Dimension(mm)



RL-N3020/E3020

5
YEARS

Warranty

IP20/IP67

High brightness

Easy installation

Efficient heat dissipation

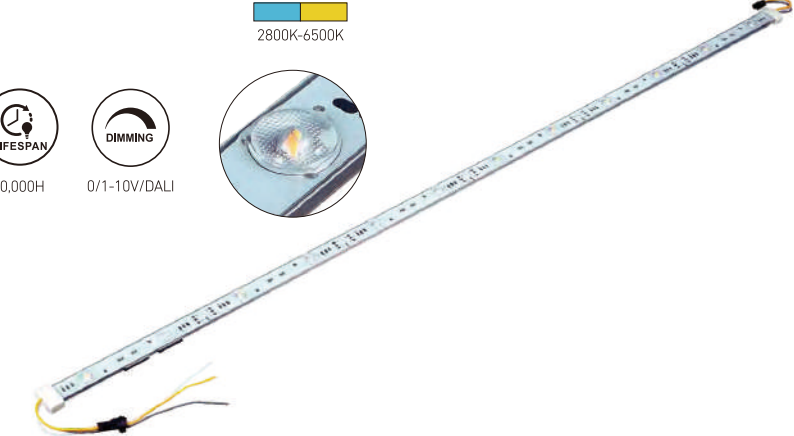
50,000H

0/1-10V/DALI

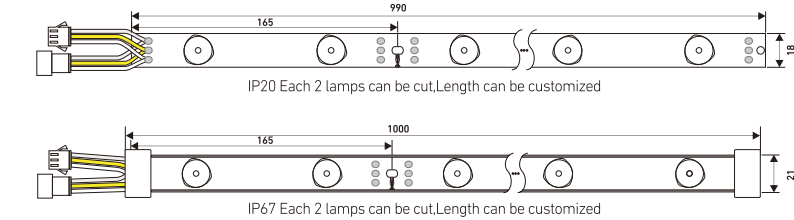


Parameters

Mode	RL-N3020	RL-E3020
Led Type	SMD 3020	
Led QTY	12 Leds	
Voltage	DC24V	
Power	15W	
Luminous flux	2160LM	
IP grade	IP20	IP67
Driven Mode	Constant current	
DIM.OP	0-10V/1-10V/DALI/DMX512	
Warranty	5 Years	



Dimension(mm)



Applications

RL-E3030-SERIES: Suitable for 80-200mm depth indoor single side light boxes & 100-250mm depth indoor double side light boxes

RL-N3020-SERIES: Suitable for 40-200mm depth outdoor single side light boxes



RL-7218/8018/10518

5
YEARS

Warranty

IP67

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

Parameters

Mode	RL-7218	RL-8018	RL-10518
Led Type	SMD 2835		
Led QTY	2 Leds	3 Leds	4 Leds
Voltage	DC12/24V		
Power	1.5W	2W	3W
Luminous flux	120LM	125LM	130LM
IP grade	IP67		
Size(mm)	72*18*8.2	80*18*8.2	105*18*8.2
DIM.OP	0-10V/1-10V/DALI/DMX512		
Warranty	5 Years		

7100K

6500K

4000K

3000K

Dimension(mm)

RL-4315/6815/4040

5
YEARS

Warranty

IP68

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

Parameters

Mode	RL-4315	RL-6815	RL-4040
Led Type	SMD 2835		
Led QTY	2 Leds	3 Leds	4 Leds
Voltage	DC12V		
Power	0.75W	1.5W	1.8W
Luminous flux	72LM	120LM	170LM
IP grade	IP68		
Size(mm)	43*15*9.5	68*15*9.5	40*40*9.5
DIM.OP	0-10V/1-10V/DALI/DMX512		
Warranty	5 Years		

6500K

4000K

3000K

Dimension(mm)

Applications

RL-7218/8018/10518: Suitable for medium depth channel letters medium depth light boxes recommended depth 50-300mm

RL-4315/8615*4040: Suitable for 60-200mm depth channel letters and light boxes



RL-2815/5315/7815/4740

5
YEARS

Warranty

IP67

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

Parameters

Mode	RL-2815	RL-5315	RL-7815	RL-4740
Led Type	SMD 2835			
Led QTY	1 Leds	2 Leds	3 Leds	4 Leds
Voltage	DC12V			
Power	0.5W	1W	1.5W	2W
Luminous flux	50LM	100LM	150LM	200LM
IP grade	IP67			
Size(mm)	27.8*15.4*10.4	52.8*15.4*10.4	77.8*15.4*10.4	47.3*40.3*10.4
DIM.OP	0-10V/1-10V/DALI/DMX512			
Warranty	5 Years			

6500K

Dimension(mm)

RL-3621/6221/8821/5246

5
YEARS

Warranty

IP20/IP67

High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI

Parameters

Mode	RL-3621	RL-6221	RL-8821	RL-5246
Led Type	SMD 2835			
Led QTY	1 Leds	2 Leds	3 Leds	4 Leds
Voltage	DC12V			
Power	1W	2W	2.5W	3W
Luminous flux	130LM	260LM	325LM	390LM
IP grade	IP67			
Size(mm)	36*21*8.1	62*21*8.1	88*21*8.1	52*46*8.1
DIM.OP	0-10V/1-10V/DALI/DMX512			
Warranty	5 Years			

6500K

4000K

3000K

Dimension(mm)

Applications

Recommended 30-250mm depth channel letters and light boxes



RL-FD-MESH-SERIES

1. Lampshade: Transparent face mask, emitting light at 120 degrees
2. Easy to install: compact in size, standardized, easy to install and maintain
3. Standardization: Standard male and female plug in foolproof wiring, standardized components, waterproof and foolproof, easy to operate and maintain
4. High protection: The protection level is IP67, and not only does it use the back sealing process, but it also uses ultrasonic welding technology in the process
5. High reliability: UV resistant, flame-retardant V0, working life of 50000 hours
6. Trimmable: Cut the appropriate grid screen length according to the building's exterior requirements
7. Control: breakpoint continuation control, high fault tolerance

5
YEARS

Warranty

IP67

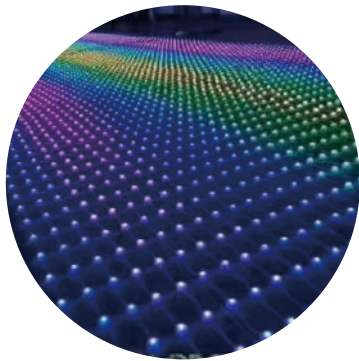
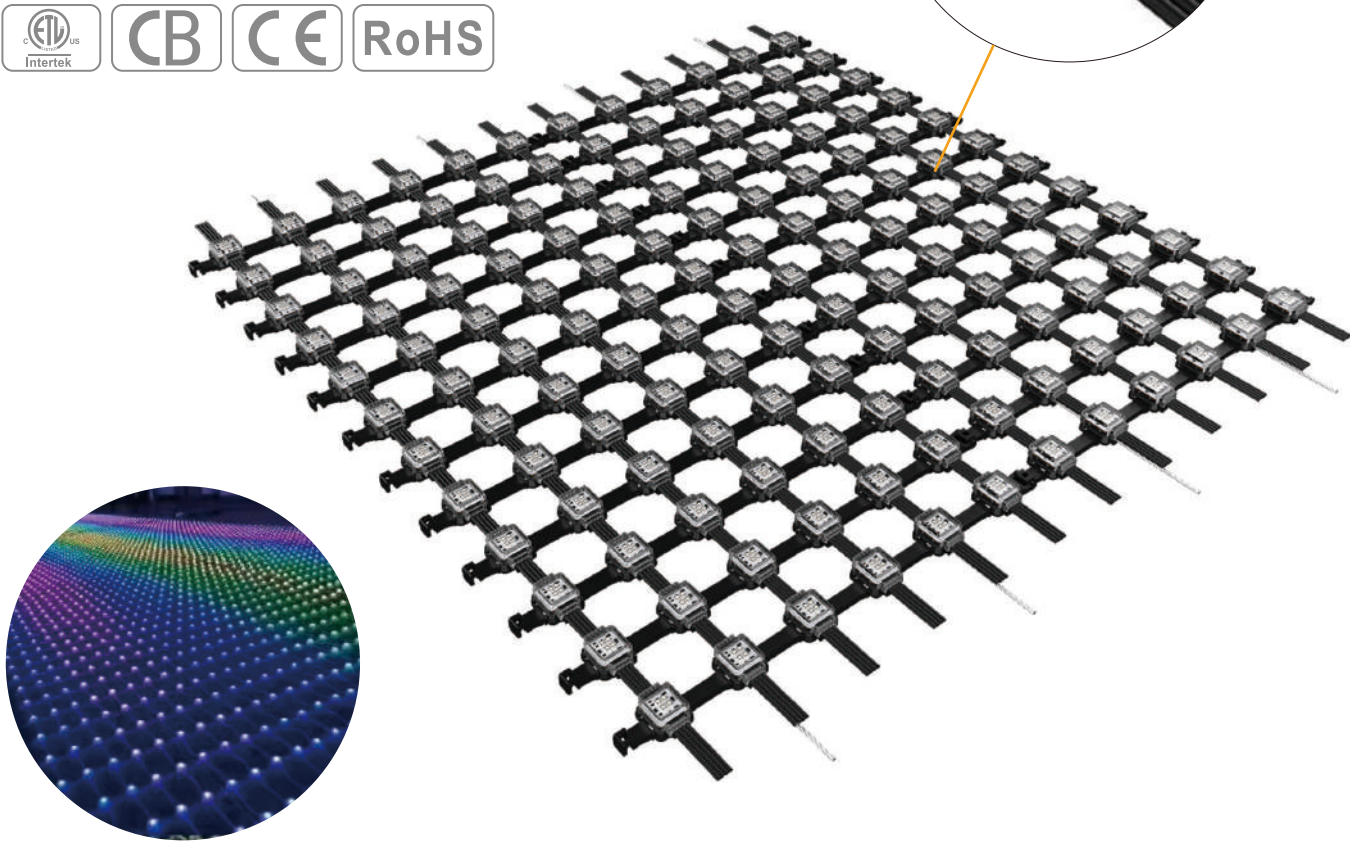
High brightness

Easy installation

Efficient heat dissipation

50,000H

0/1-10V/DALI



Applications

Apply to Irregular media facade; Glass curtain wall media facade; Landscape lighting engineering, etc;



Thicken lamp body

Real material, no rust, no corrosion, long service life

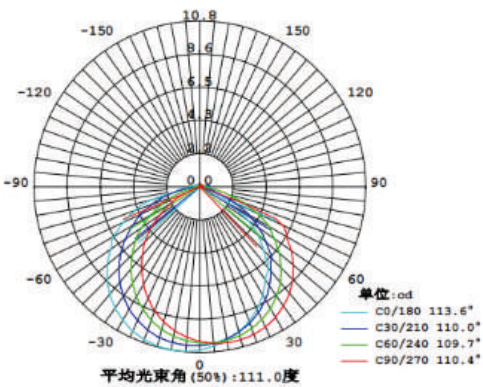


Thicken lamp body

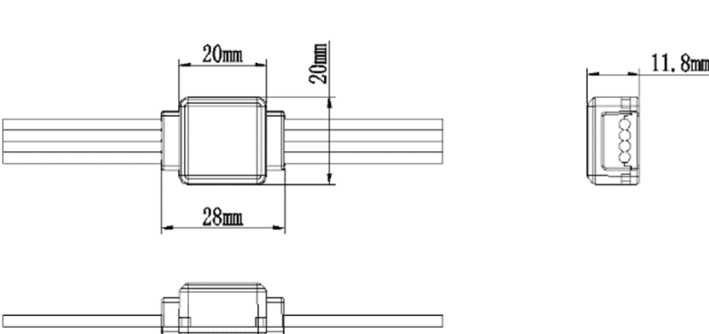
Real material, no rust, no corrosion, long service life



Light distribution curve



Dimensions



Parameters

Model No.	RL-FD-MESH-2	RL-FD-MESH-4	RL-FD-MESH-6	RL-FD-MESH-H
Power	0.7W	1W	1.3W	1.3W
Rated working	DC12V	DC24V		DC36V
Control mode	Break point resume			
Grey scale	65536			
Pixel segment	1			
LED Qty	3535RGB*2	2727RGB*4	2727RGB*6	5054RGB*1
Luminous	3.8			
Luminous Flux	10.25LM	15.5LM	28.02LM	39.7LM
LED Efficacy	14.7LM/W	15.5LM/W	21.5LM/W	31.5LM/W
LED Beam	EDISON Isolated L-N: 4KV, MOSO:L-N: 5KV**,INVENTRONICS:L-N: 6KV			
Dimmable	110°			120°
Lead wire	2*0.75mm2+2*0.3mm2	2*0.75mm2+2*0.3mm2	2*0.75mm2+2*0.3mm2	2*0.75mm2+2*0.3mm2
Electrical	Class III			
IP Rating	IP67			
Flammability	94-V0			
Type of cover	Transparent face mask			
Cover	PC			
Shell color	Black/grey			
Body	PC			
Oper Temp	-20~60°C			
Storage	-40~75°C			
Safety Approval	CB, CE, ENEC			
Lumen maintenance	50,000 hours			
Installation	Steel wire installation			
Warranty	5 Years			
DIM.OP	0/1-10V/DALI/DMX512			

LED INGROUND LIGHT



RL-IG1812-SERIES
RL-IG1815-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



100LM/W



5 YEARS
Warranty



IP67



IK06



Easy installation



DIMMING
0/1-10V/DALI



LIFESPAN
50,000H



-20°C~ + 50°C



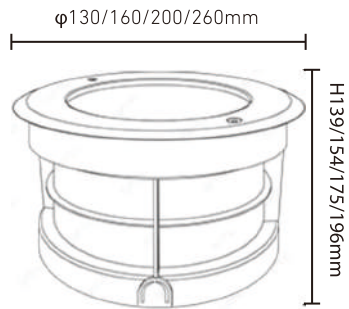
4/10KV



High brightness



Efficient heat dissipation

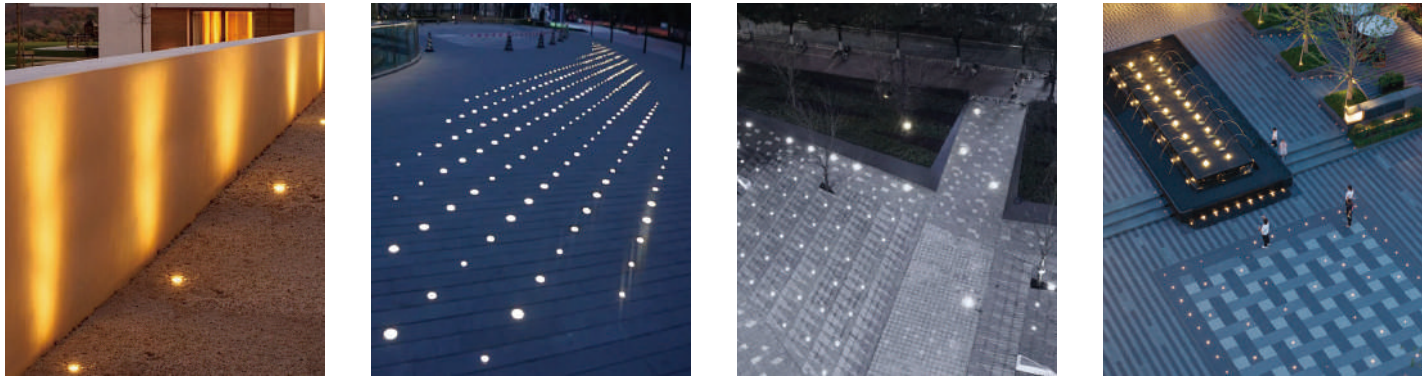


RL-IG1812-SERIES
Adjustable beam angle.

RL-IG1815-SERIES

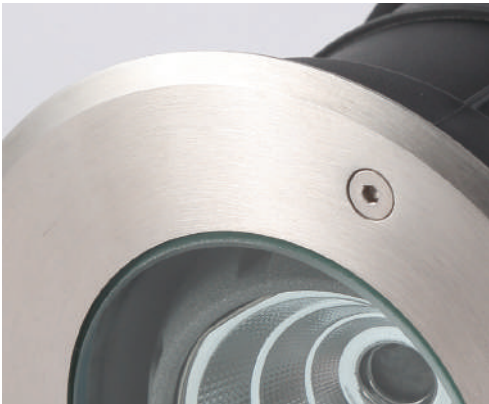
Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



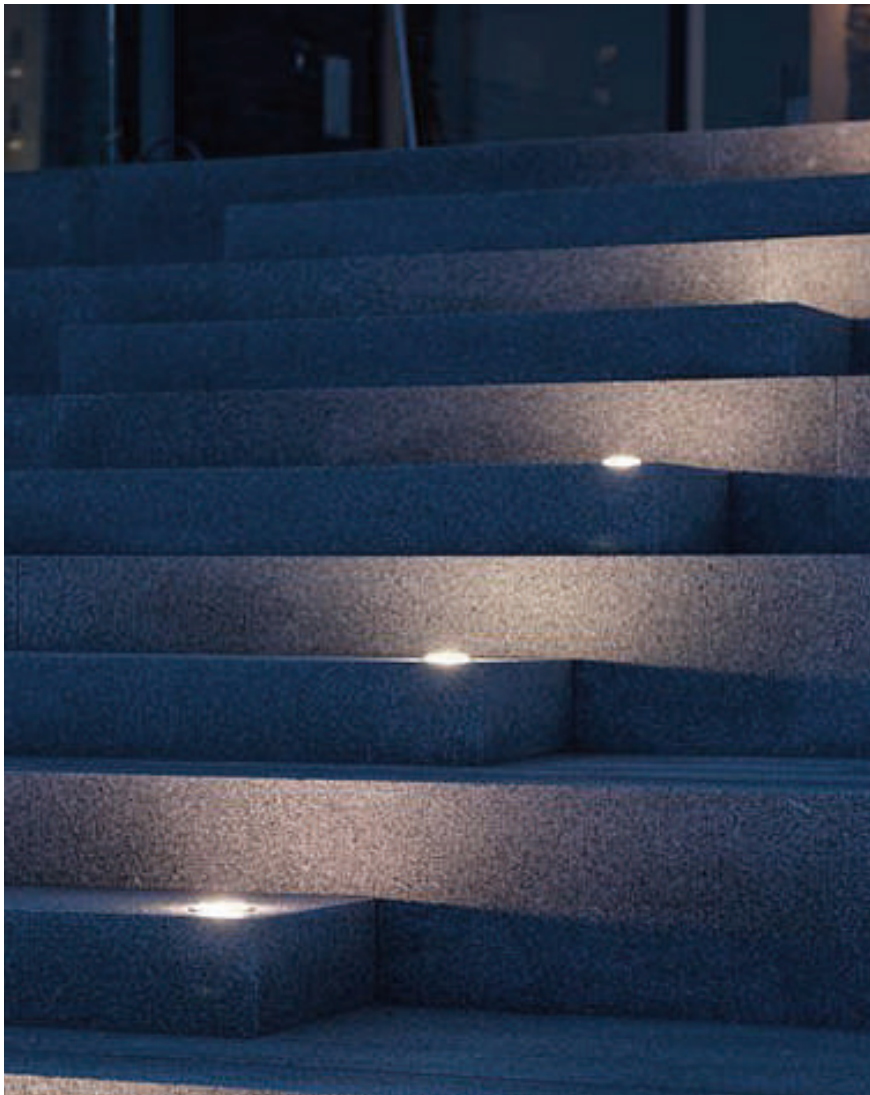
304 stainless steel face ring

Wear-resistant, not easy to deform



Highlighting light bulb

Optical lens + COB



Parameters

Model number	RL-IG1812			RL-IG1815	
Power	12W	20W	30W	40W	
Lumen	1200LM	2000LM	3000LM	4000LM	
Luminous angle	24°				
CCT	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI				
Adjustable	YES			NO	
HOUSING	304 stainless steel +aluminum+glass				
COLOUR	stainless steel color				
CHIP	COB				
CRI	>80				
IP rating	IP65				
PF	0.9				
VOLTAGE	100-240V				
Size	φ130*H139mm	φ160*H154mm	φ200*H175mm	φ260*H196mm	
Cut out	φ115*H139mm	φ145*H154mm	φ168*H175mm	φ240*H196mm	
LIFE	50000 hours				
Warranty	5 years				

RL-IG1813-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



100LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



304 stainless steel face ring

Wear-resistant, not easy to deform



Highlighting light bulb

Optical lens + SMD



Parameters

Model number	RL-IG1813			
Power	3*2W	9W/12W	18W	24W/36W
Lumen	100LM/W			
Luminous angle	10° 30°45°60°			
CCT	3000K/4000K/6500K			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	YES			
HOUSING	304 stainless steel +aluminum+glass			
COLOUR	stainless steel color			
CHIP	SMD			
CRI	>80			
IP rating	IP65			
PF	0.9			
VOLTAGE	100-240V			
Size	φ130*H139mm	φ160*H154mm	φ200*H175mm	φ260*H196mm
Cut out	φ115*H139mm	φ145*H154mm	φ168*H175mm	φ240*H196mm
LIFE	50000 hours			
Warranty	5 years			

RL-IG1817-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



100LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation





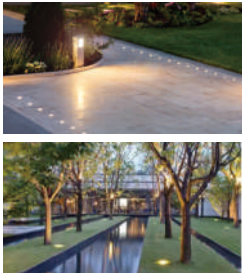






Applications

Outdoor Lighting, Trail lighting,
Art lighting, Auxiliary lighting,
Floor decoration



Aluminum lamp body

Not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + CMD



Parameters

Model number	RL-IG1817						
Power	3W	6W	9W/12W	18W	24W	36W	48W
Lumen	100LM/W						
Luminous angle	10° 30°45°60°						
CCT	3000K/4000K/6500K						
DIM. OP	0-10V/1-10V/DALI						
Adjustable	NO						
HOUSING	304 stainless steel +aluminum+glass						
COLOUR	stainless steel color						
CHIP	SMD						
CRI	>80						
IP rating	IP65						
PF	0.9						
VOLTAGE	100-240V						
Size	φ100*H80mm	φ120*H100mm	φ150*H100mm	φ180*H100mm	φ200*H100mm	φ250*H100mm	φ320*H100mm
Cut out	φ95*H80mm	φ115*H100mm	φ135*H100mm	φ158*H100mm	φ187*H100mm	φ240*H100mm	φ292*H100mm
LIFE	50000 hours						
Warranty	5 Warranty						

RL-IG1818-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. Die-casting Aluminum cover,
PC light plate.



390LM



Warranty



IP65



IK05



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









Applications

Outdoor Lighting, Trail lighting, Art lighting, Auxiliary lighting,
Floor decoration



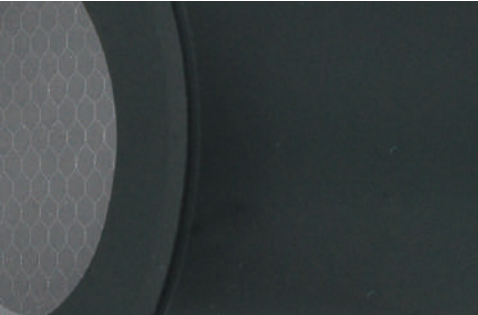
Parameters

Model number	RL-IG1818
Power	10W
Lumen	390LM
Luminous angle	15°/24°/30°
CCT	3000K/6000K/4000K/Red/Green/Blue
DIM. OP	0-10V/1-10V/DALI
CRI	>80
HOUSING	Die-casting Aluminum+PC
COLOUR	Black
CHIP	COB
IK rating	IK 05
IP rating	IP65
PF	0.5
VOLTAGE	AC85-265V or AC/DC12-24V
Size	φ80*H125mm
Cut out	φ65*H125mm
LIFE	50000 hours
Warranty	5 years



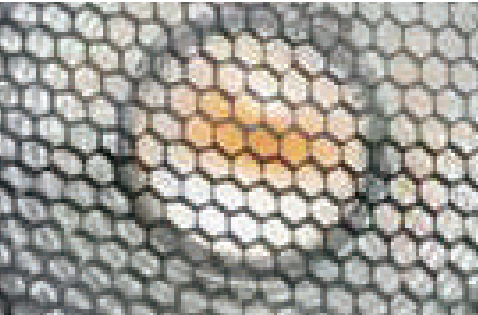
Aluminum lamp body

Not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + COB



RL-IG1908-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover, PC light plate.



100LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation











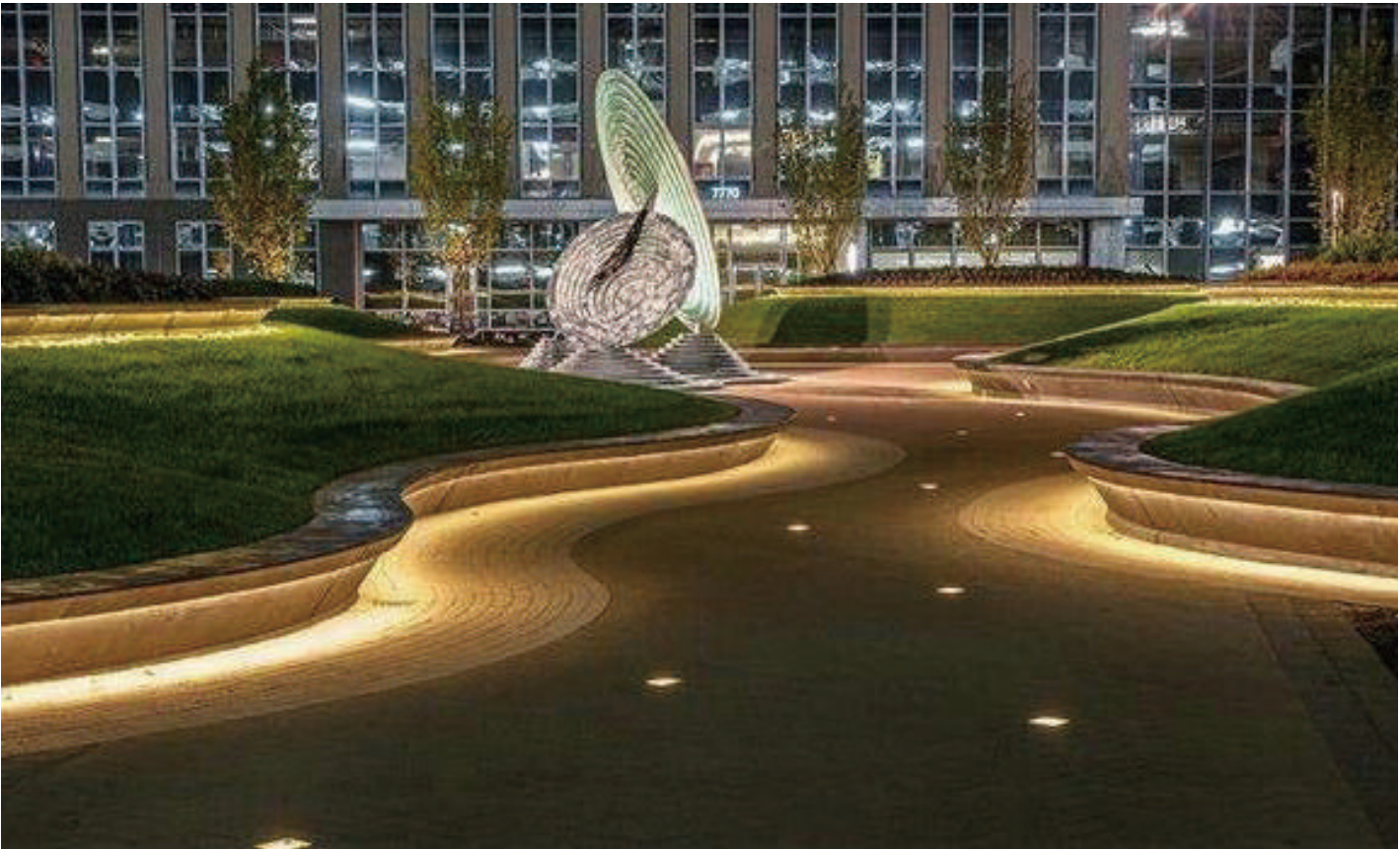
304 stainless steel face ring

Not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + SMD



Parameters

Model number	RL-IG1908						
Power	3W	5W	9W	12-15W	20W	30W	36W
Lumen	100LM/W						
Luminous angle	10° 30°45°60°						
CCT	3000K/4000K/6500K						
DIM. OP	0-10V/1-10V/DALI						
Adjustable	NO						
HOUSING	304 stainless steel +aluminum+glass						
COLOUR	stainless steel color						
CHIP	SMD						
CRI	>80						
IP rating	IP65						
PF	0.5						
VOLTAGE	100-240V						
Size	φ100*H90mm	φ120*H90mm	φ150*H90mm	φ180*H90mm	φ200*H90mm	φ250*H90mm	φ300*H90mm
Cut out	φ95*H90mm	φ115*H90mm	φ125*H90mm	φ150*H90mm	φ185*H90mm	φ235*H90mm	φ290*H90mm
LIFE	50000 hours						
Warranty	5 years						

RL-IG1909-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. Aluminum cover,
PC light plate.



30LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation











3W
Single side glow



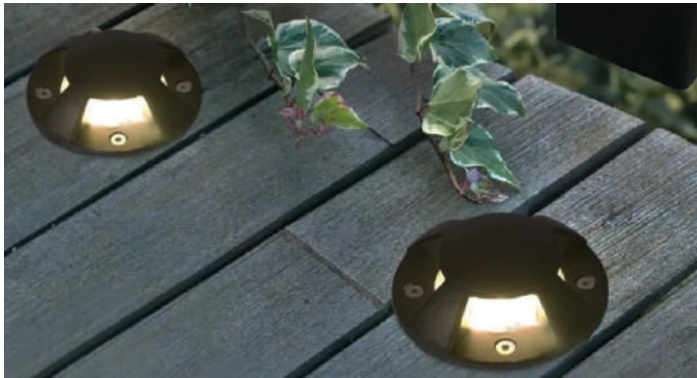
5W
Double side glow



9W
Glow on all sides

Applications

Suitable for garden landscape lighting, park square lighting



Thickened aluminum lamp body

Die-cast aluminum, not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + SMD



Parameters

Model number	RL-IG1909		
Power	3W	5W	9W
Lumen	60LM	150LM	270LM
CCT	3000K/4000K/6500K		
DIM. OP	0-10V/1-10V/DALI		
ADJUSTABLE	NO		
Size	φ100*H90mm	φ120*H90mm	φ150*H90mm
Cut out	φ95*H80mm	φ115*H80mm	φ125*H80mm
HOUSING	Aluminum+Glass+PC		
COLOUR	WHITE/BLACK		
CHIP	SMD		
CRI	>80		
PF	0.5		
DRIVER	INCLUDED		
IP rating	IP65		
VOLTAGE	100-240V		
LIFE	50000 hours		
Warranty	5 years		

RL-IG1910-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. Aluminum cover,
PC light plate.



80LM/W



3 YEARS
Warranty



IP65



IK06



Easy installation



DIMMING
0/1-10V/DALI



LIFESPAN
30,000H



-20°C~ + 50°C



4/10KV



High brightness



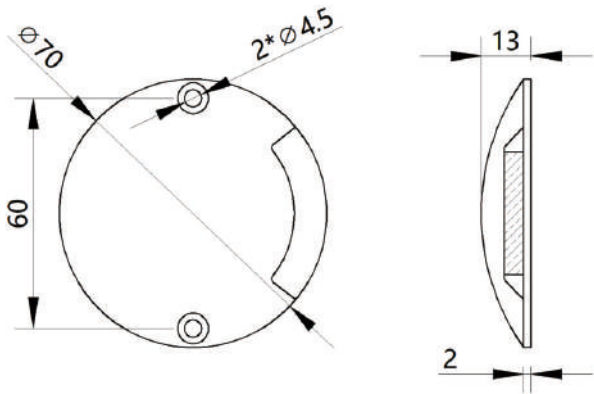
Efficient heat
dissipation











1W
Single side glow



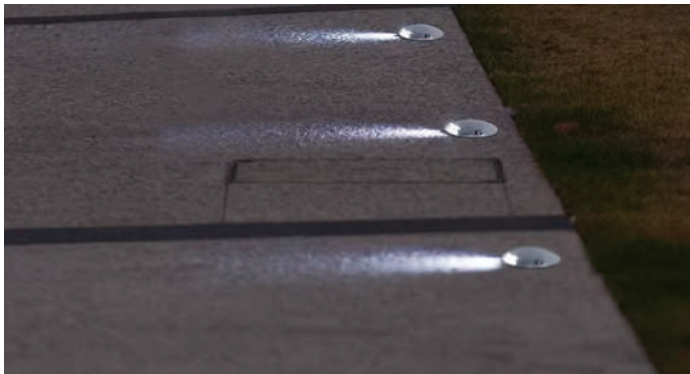
2W
Double side glow



2W
Glow on all sides

Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



Color Temp



Warm light



Neutral light



White light



Green light



Blue light



Purple Light



Green light



Yellow light



Red light

Thickened aluminum lamp body

Die-cast aluminum, not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + OSRAM chip



Parameters

Model number	RL-IG1910-1W	RL-IG1910-2W	RL-IG1910-4W
Lumen	80-130 Lm	150-200 Lm	150-200 Lm
CCT	Red, Green, Blue, Warm White, Neutral white, Cold White, RGB, RGBW		
DIM. OP	0-10V/1-10V/DALI		
Adjustable	YES		
HOUSING	Aluminum+PC		
COLOUR	Silver/Black/Chrome		
CHIP	OSRAM LED		
CRI	>80		
PF	0.5		
DRIVER	INCLUDED		
IP rating	IP65		
VOLTAGE	DC12/24V		
LIFE	30000 hours		
Warranty	3years		

RL-IG2901-SERIES
RL-IG2902-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



100LM/W



Warranty



IP67



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation



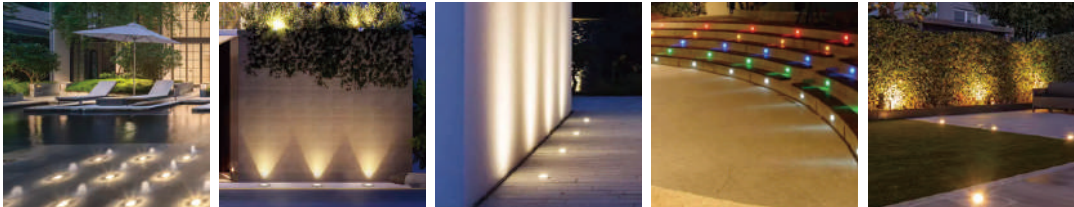
RL-IG2901



RL-IG2902

Applications

Suitable for garden landscape lighting, park square lighting



Aluminum lamp body

Uniform heat dissipation, protect the lamp body



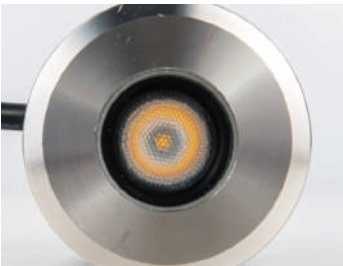
Tempered glass

High hardness, high light transmittance



Highlighting light bulb

Optical lens + Bridgelux chip



Parameters

Model number	RL-IG2901				RL-IG2902
Power	1W		2-3W		7W
SIZE	Φ32*H63mm	Φ42*H73mm	Φ52*80mm	Φ62*89mm	Φ80*90mm
cut out	Φ28.5*H63mm	Φ38.5*H73mm	Φ46*80mm	Φ55*H90mm	Φ66*H90mm
Material	304 stainless steel +aluminum+glass			304 stainless steel +glass	
Beam angle	10° 30°45°60°				
LUMENS	100LM/W				
Color temperature	3000K/4000K/6500K				
DIM. OP	0-10V/1-10V/DALI/DMX512				
ADJUSTABLE	NO				
CHIP	SMD				
COLOUR	stainless steel color				
CRI	>80				
PF	0.5				
DRIVER	INCLUDED				
VOLTAGE	DC12/24V		24V/100-240V		
IP Rating	IP67				
LIFE	20000 hours		50000 hours		
Warranty	2 Years		5 Years		

RL-IG2903-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. Aluminum cover, PC light plate.



90LM/W



Warranty



IP67



IK06



Easy installation



0/1-10V/DALI



30,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation









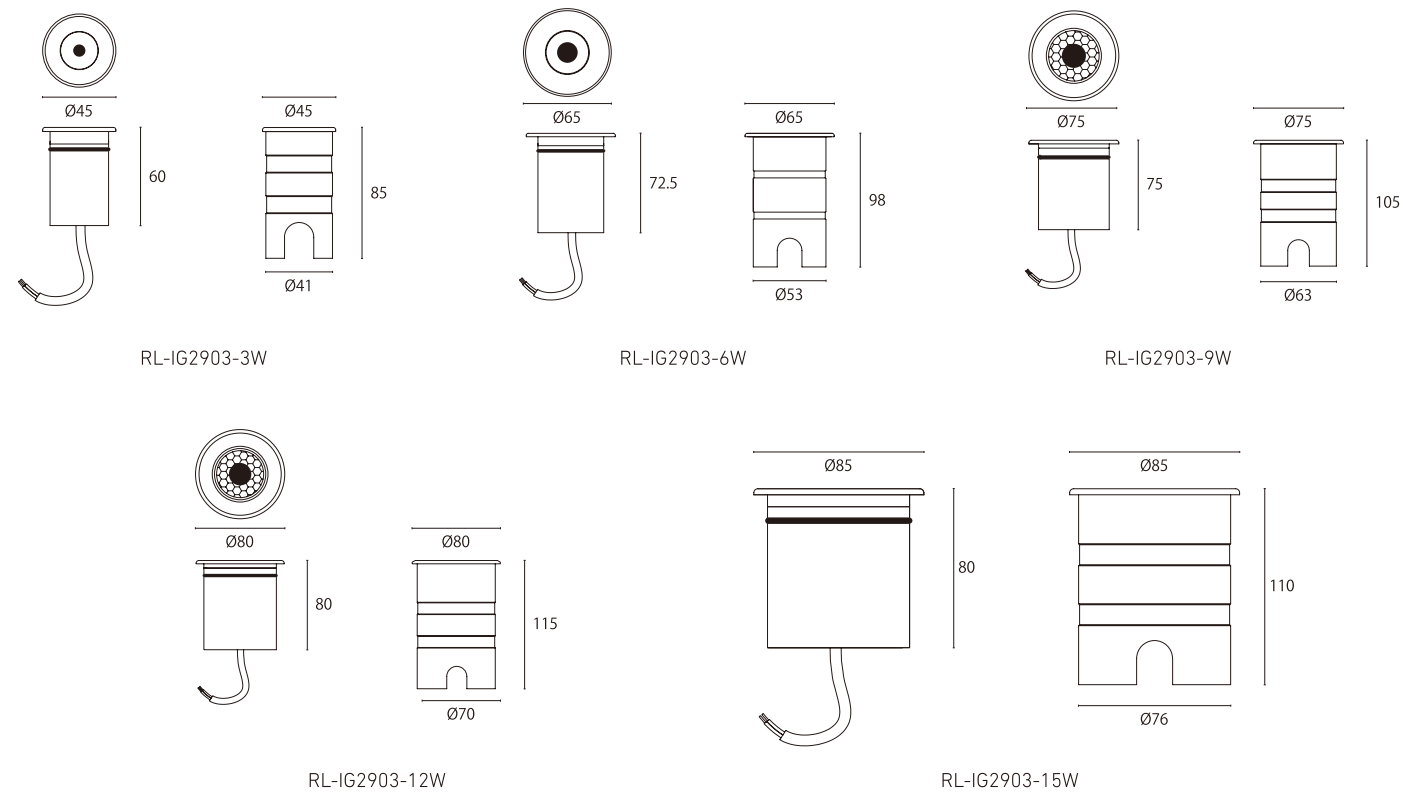


Applications

Suitable for garden landscape lighting, park square lighting



Dimension



Parameters

Model number	RL-IG2903				
Power	3W	6W	9W	12W	15W
Lumen	286LM	480LM	650LM	920LM	1180LM
CCT	2700K /3000K /4000K /5700K				
Beam angle	15°, 24°, 36°, 50 °				
DIM.OP	0-10V/1-10V/DALI				
Input voltage	DC12V-DC24V as standard (AC12V optional)				
Cover	SS316 L mirror polishing				
Housing	Dark grey Aluminium				
Accessories	Mounting tube(Included) / Honeycomb(Optional)				
LED type	CREE COB LED				
CRI	Ra≥80				
Insulation class	Class III				
PF	0.5				
DRIVER	INCLUDED				
IP rating	IP67 Waterproof				
IK rating	IK06				
Power cord	Rubber cable 1M 2 *1mm ²				
Warranty	3 years				

RL-IG2904-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



30LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation











Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



Luminous angle



Single side glow Double side glow Glow on all sides

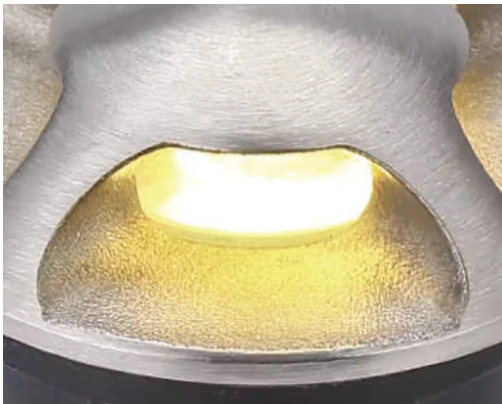
304 stainless steel lamp body

304 stainless steel, not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + SMD



Parameters

Model number	RL-IG2904			
Power	1W	2-3W	2-3W	3-5W
Lumen	30LM/W			
CCT	3000K/4000K/6500K			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
HOUSING	304 stainless steel +glass			
COLOUR	stainless steel color			
CHIP	SMD			
CRI	>80			
PF	0.5			
DRIVER	INCLUDED			
IP rating	IP67			
VOLTAGE	24V/100-240V			
Size	φ42*H80mm	φ52*H90mm	φ62*H100mm	φ75*H110mm
Cut out	φ38.5*H80mm	φ46*H90mm	φ55*H100mm	φ64*H110mm
LIFE	50000 hours			
Warranty	5 Warranty			

RL-IG2905-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover, PC light plate.



100LM/W



Warranty



IP65



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation











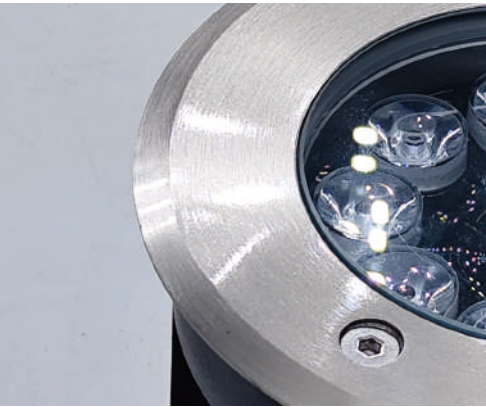
Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



304 stainless steel face ring

Not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + SMD



Waterproof connector

Comprehensive seal, defense and lightning protection



IP67 protection grade



Parameters

Model number	RL-IG2905					
Power	3W	5W	10W	15W	24W	36W
Lumen	100LM/W					
Luminous angle	10° 30°45°60°					
CCT	3000K/4000K/6500K					
DIM. OP	0-10V/1-10V/DALI					
Adjustable	NO					
HOUSING	304 stainless steel +glass					
COLOUR	stainless steel color					
CHIP	SMD					
CRI	>80					
IP rating	IP67					
PF	0.5				0.95	
VOLTAGE	100-240V					
Size	φ100*H100mm	φ130*H105mm	φ150*H110mm	φ210*H135mm	φ260*H155mm	φ300*H165mm
Cut out	φ90*H100mm	φ115*H110mm	φ140*H110mm	φ196*H135mm	φ245*H155mm	φ280*H165mm
LIFE	50000 hours					
Warranty	5 Warranty					

RL-IG2906-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



60LM/W



Warranty



IP67



IK06



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



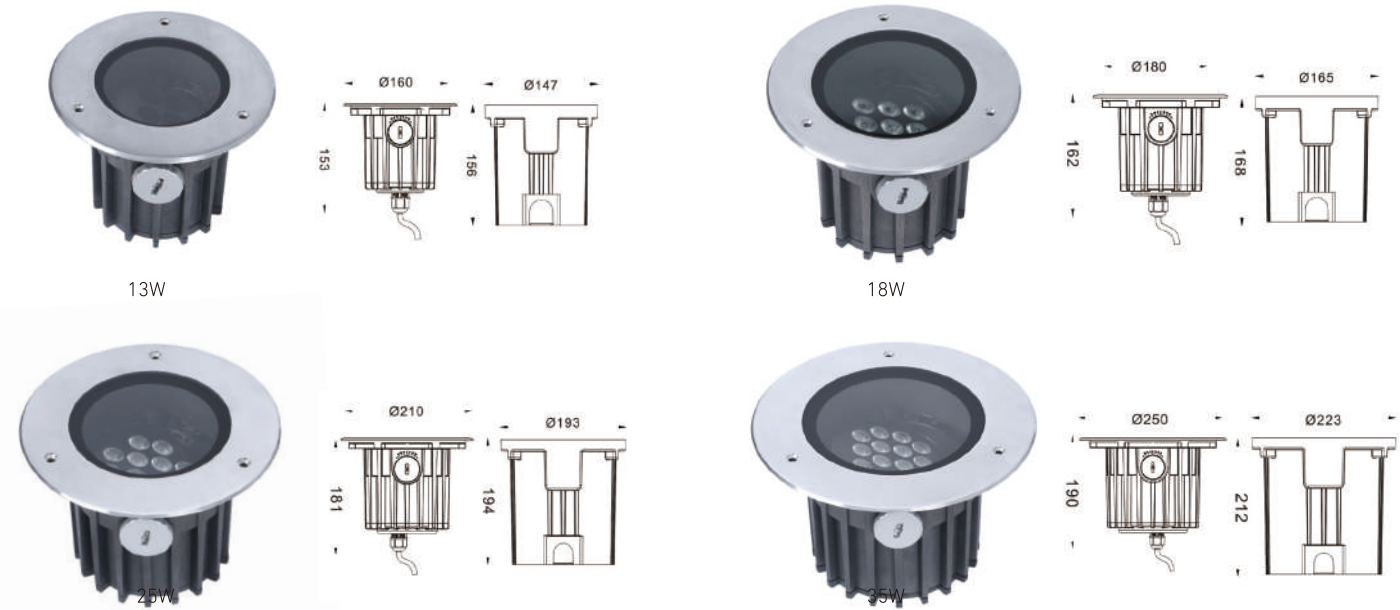
Efficient heat dissipation











Applications

Outdoor Lighting, Trail lighting, Art lighting,
Auxiliary lighting, Floor decoration



316 stainless steel face ring

Not easy to rust, not easy to fade



Highlighting light bulb

Optical lens + OSRAM chip



Parameters

Model number	RL-IG2906			
Power	13W	18W	25W	35W
Lumen	720LM	1080LM	1440LM	2160LM
Luminous angle	10/15/25/40/60/90°/10°45° /20°65° /15°55			
CCT	3000K/4000K/6000K			
DIM. OP	0-10V/1-10V/DALI			
Adjustable	NO			
HOUSING	316 stainless steel +glass			
COLOUR	stainless steel color			
CHIP	OSRAM/CREE			
CRI	>80			
IP rating	IP67			
PF	0.9			
VOLTAGE	AC220-240V			
Size	φ160*H156mm	φ180*H168mm	φ210*H194mm	φ250*H212mm
Cut out	φ119mm	φ165mm	φ193mm	φ223mm
LIFE	50000 hours			
Warranty	5 years			

RL-IG3901-SERIES

HIGH-EFFICIENCY BURIED GROUND LAMP SOLUTION

Outdoor installation, made of high quality aluminum processing
Anticorrosive and UV-resistant powder coating. 304 stainless steel cover,
PC light plate.



100LM/W



Warranty



IP67



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



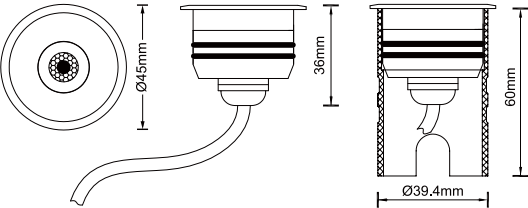
High brightness



Efficient heat dissipation



Dimension

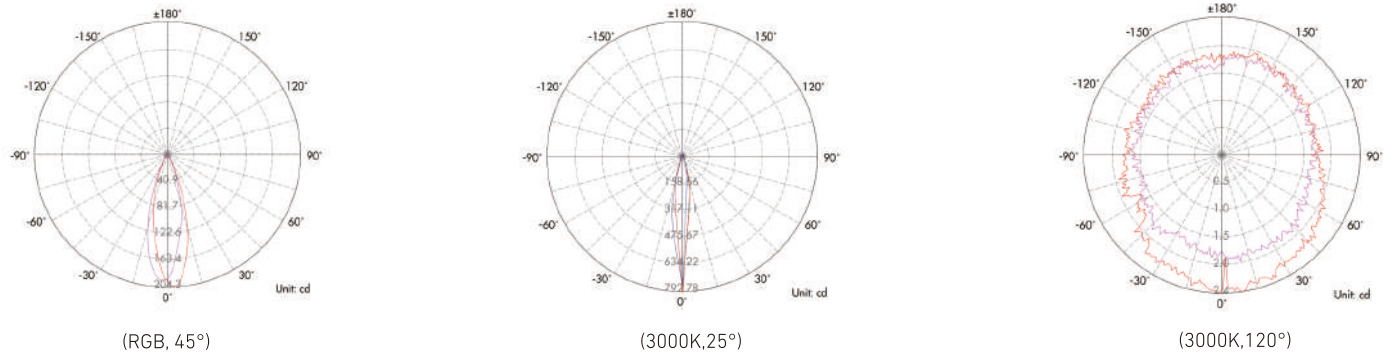


Applications

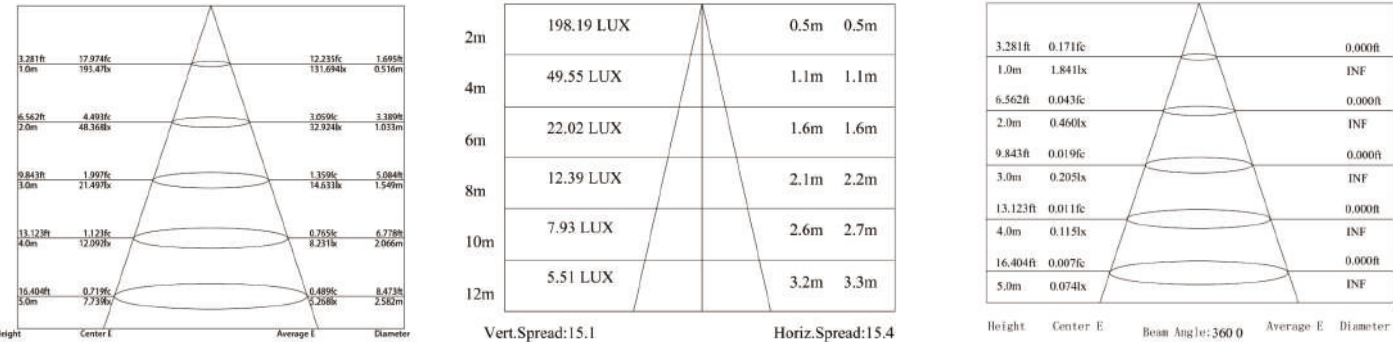
Suitable for garden landscape lighting, park square lighting



Light Distribution Curve



Light Distribution Curve



Parameters

Item No.	RL-IG3901			
Power	3W	1.5W	1.5W (3W optional for underwater)	1.5W
LED type	1PC 3030 RGB LED	1 PC CREE XPE LED		
Luminous flux	/	90~95 lm		60~70 lm
CCT	RGB	2700K, 3000K, 4000K, 6000K, R/G/B/A		
CRI	/	80+		
Beam angle	15°, 25°, 38°, 45°, 60°, 120°			120° with milky white class
Warranty	5 years			
DIM.OP	0-10V/1-10V/DALI			
Certifications	CE, RoHS			
Input voltage	DC12V	DC12V/DC24V		
Insulation class	Class III			
Cable	1PC rubber cable 1M H05RN-F 5x0.5mm square	1PC rubber cable 1M H05RN-F 2x1mm square		
Driver	Low voltage input, constant current output, excluding the transformer			
IP rating	IP68 Waterproof			
IK rating	IK06			
Housing	Stainless steel 316	Solid Passivated (Anodizing) Aluminum CNC machined as standard, (Stainless steel 316 as options)	Stainless steel 316 as standard, (solid Passivated (Anodizing) Aluminum CNC machined as options	Solid Passivated (Anodizing) Aluminum CNC machined as standard, (Stainless steel 316 as options)
Protection finishing	Stainless steel 316	20~25µm thickness anodized film for Aluminum housing.		
Trim	Stainless steel 316			
Glass	Step tempered Glass. T=4mm.			Step tempered Glass painted in milky white. T=4mm.
Cable Gland	PG gland	PG7 IP68, Glue		
Gasket	O-ring PMQ silicone seal			
Mounting Sleeve	Anti-corrosion grey PVC tube (Convex type box as optoins)			



TRI-PROOF LIGHT | RL-WP-1XT8LED/RL-WP-2XT8LED

RL-WP-1XT8LED-2FT/4FT
RL-WP-2XT8LED-2FT/4FT

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION



IP65



IK10



Wiring through



Sustainable



LIFESPAN
30,000H



3
YEARS
Warranty











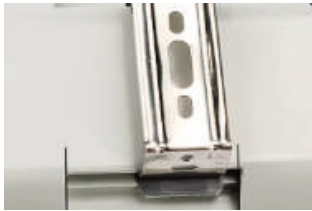
Good water resistance

Outlet waterproof sealing ring, good sealing



Metal clasp

Convenient lock screw, fixed position

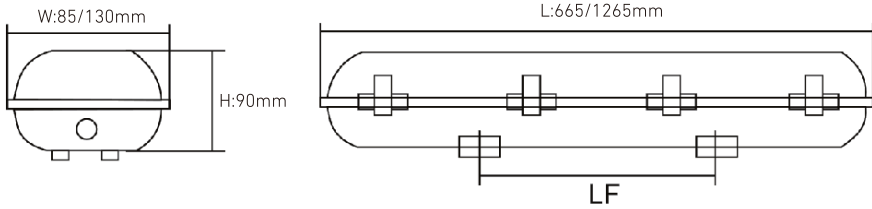


PC lampshade

High light transmittance, soft light is not dazzling



Dimensions



Parameters

Model number	RL-WP-1XT8LED-2FT	RL-WP-2XT8LED-2FT	RL-WP-1XT8LED-4FT	RL-WP-2XT8LED-4FT
Product Name	IP65 Tri-proofFixture			
Type	Tri-Proof Lamp Set Tube Long Bracket			
Dimension (LxWxH)	665*85*90mm	665*130*90mm	1265*85*90mm	1265*130*90mm
Material	PC base +PC cover			
Input Voltage	220~240Vac			
Working Temp	-20°C~+45°C			
Waterproof rating	IP65			
Life	30000 hours			
Warranty	3 Years			

Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-WP236-NW-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Sustainable Design
- 2. Efficiency upto 160LM/W
- 3. Easy Replacement of LED Board and Driver
- 4. DIP Power Switch and CCT Adjustable
- 5. Wiring Through upon Request
- 6. DALI, 1-10V Dim, Motion Sensor, Emergency



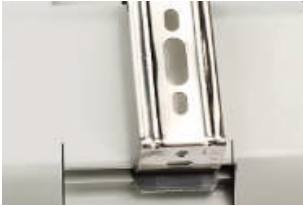
Good water resistance

Outlet waterproof sealing ring, good sealing



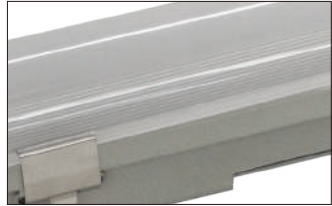
Metal clasp

Convenient lock screw, fixed position

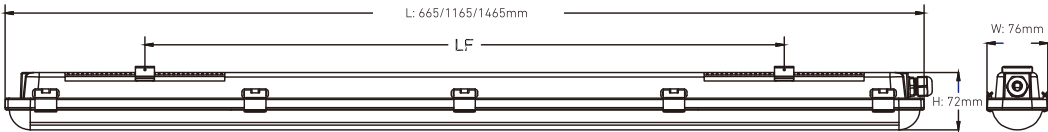


PC lampshade

High light transmittance, soft light is not dazzling



Dimensions

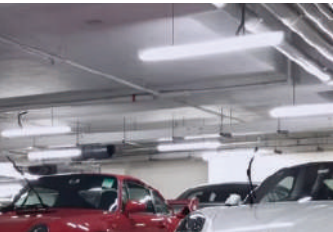


Parameters

Model No.	RL-WP236-NW		
Dimension (LxWxH)mm	665×76×72	1165×76×72	1465×76×72
Power Consumption	20W	40W	60W
Power Adjustable	10W-13W-15W-20W	22W-28W-34W-40W	34W-42W-51W-60W
LED Quantity (PCS)	144	304	464
CCT Adjustable	3000K-3500K-4000K/3000K/4000K/6500K		
Luminaire Efficacy	140LM/W,160LM/W optional		
DIM.OP	0-10V/1-10V/DALI		
LED Brand	LM80 Approval 2835		
Beam Angle	120°		
CRI	80+		
Driver	LIFUD		
Input Voltage	220~240Vac		
PF	>0.95		
Working Temp	-20°C~+45°C		
Waterproof rating	IP65		
Warranty	5 Years		

Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-WP236-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Fast Wiring without opening the fixture
- 2. DALI, 1~10V Dim, Motion Sensor, Emergency
- 3. Power Adjustable Optional
- 4. CCT Adjustable Optional
- 5. Wiring Through Upon Request



Good water resistance

Outlet waterproof sealing ring, good sealing



Metal clasp

Convenient lock screw, fixed position



PC lampshade

High light transmittance, soft light is not dazzling



Parameters

Model No.	RL-WP236		
Dimension (LxWxH)	620*80*65MM	1220*80*65MM	1520*80*65MM
Power Consumption	20W	36/40/50W	50/60W
Luminous Flux	2800LM	4200LM, 5600LM	7000LM, 8400LM
LED Quantity (PCS)	120	168,140	312,364
CCT Adjustable	3000/4000/6500K		
Luminaire Efficacy	120-140LM/W		
DIM.OP	0-10V/1-10V/DALI		
LED Brand	Epistar 2835		
Beam Angle	120°		
CRI	80+		
Driver	LIFUD/PHILIPS/OSRAM		
Input Voltage	220~240Vac		
PF	>0.95		
Working Temp	-20°C~+45°C		
IP Rate & IK Rate	IP65 & IK10		
Warranty	3-5 Years		

Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-WP258-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Sustainable Design
- 2. Quick and Easy Wiring
- 3. DIP Power Switch
- 4. Easy Replacement of LED Board and Driver
- 5. Wiring Through Upon Request



Good water resistance

Outlet waterproof sealing ring, good sealing



Metal clasp

Convenient lock screw, fixed position



PC lampshade

High light transmittance, soft light is not dazzling

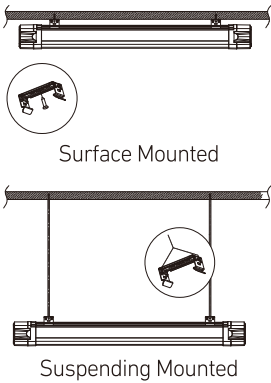


Dimensions



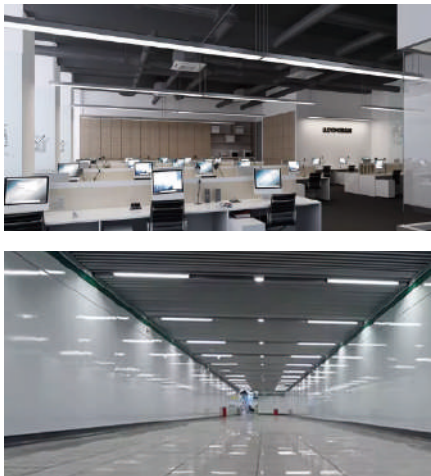
Parameters

Model No.	RL-WP258	
Dimension (LxWxH)	1200*74*60.5MM	1500*74*60.5MM
Power Consumption	40W	60W
Power Adjustable	22W-28W-34W-40W	34W-42W-51W-60W
LED Quantity (PCS)	240	364
CCT Adjustable	4000K / 5000K / 6000K	
DIM.OP	0-10V/1-10V/DALI	
Luminaire Efficacy	140LM/W	
LED Brand	LM80 approved 2835LED	
Beam Angle	120°	
CRI	80+	
Driver	LIFUD	
Input Voltage	220~240Vac	
PF	>0.95	
Working Temp	-20°C~+45°C	
IP Rate & IK Rate	IP65 & IK10	
Warranty	5 Years	



Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-WP260-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Fast Wiring without opening the fixture
- 2. DALI, 1~10V Dim, Motion Sensor, Emergency
- 3. Power Adjustable Optional
- 4. CCT Adjustable Optional
- 5. Wiring Through Upon Request



Good water resistance

Outlet waterproof sealing ring, good sealing



Metal clasp

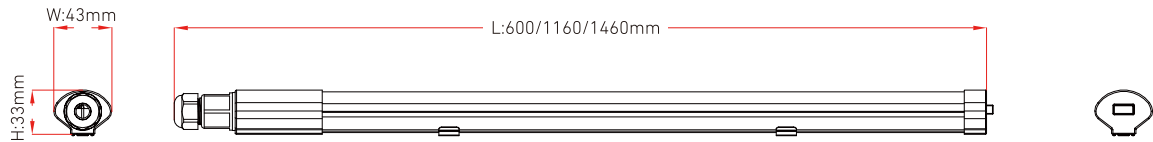
Convenient lock screw, fixed position



Multiple color temperature adjustment



Dimensions



Parameters

Model No.	RL-WP260		
Power Consumption	18W	36W	45W
Luminous Flux	1800LM	3600LM	4500LM
LED Quantity (PCS)	120	168,140	312,364
CCT Adjustable	3000K/4000K/6000K		
Luminaire Efficacy	100LM/W		
LED Brand	Epistar 2835		
LIFE	30000 hours		
Beam Angle	120°		
CRI	80+		
SDCM	<6		
Input Voltage	220-240V 50/60Hz		
PF	>0.9		
Working Temp	-20°C ~ -45°C		
IP Rate & IK Rate	IP65 & IK10		
Warranty	3 Years		

Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-WP261-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Sustainable Design
- 2. Quick and Easy Wiring
- 3. DIP Power Switch
- 4. Easy Replacement of LED Board and Driver
- 5. Wiring Through Upon Request

IP20

Easy installation

Wiring through

Sustainable

DIP switch

3 YEARS Warranty



Three-proof features

Repellent against mosquitoes/dust



Metal clasp

Convenient lock screw, fixed position



PC lampshade

Large luminous surface, more uniform luminescence



Parameters

Model No.	RL-WP261		
Dimension (LxWxH)	600*75*20mm	1200*75*20mm	1500*75*20mm
Power Consumption	18W	36W	40W
Luminous Flux	1620LM±10%	3240LM±10%	4050LM±10%
Material	PC		
CCT Adjustable	3000-6500K		
Luminaire Efficacy	140LM/W,160LM/W optional		
LED Brand	SMD 2835		
LIFE	30000 hours		
Beam Angle	120°		
CRI	80+		
Driver	Driverless		
Input Voltage	220~240Vac		
PF	>0.9		
Working Temp	-10°C~+40°C		
Safety class IP	IP20		
Warranty	3 Years		

Applications

Factories, corridors, supermarkets, schools, hospitals, underground parking lots, shops, tunnels, overpasses, etc



RL-EXP-WP262-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Patent designed for explosion-proof protection performance. Aluminum alloy body, maximize the best heat transmit
- 2. PC cover, excellent anti-corrosion performance Shock & vibration resistant, Anti-gare, >90% light transmit
- 3. Perfect to replace the traditional explosion-proof fluorescent light lamp shape
- 4. LED: LM80 certified, 120-140 lm/W, up to 14000 lumen flux
- 5. High Efficiency LED driver, more than 50000 hours lifespan
- 6. Circuit design: 4KV/6KV Surge Protection power supply
- 7. Protection: IP66, high protection grade for waterproof and dust-proof

120-140LM/W

5 YEARS Warranty

IP66

IK08

Easy installation

Dimming

50,000H

-20°C ~ + 50°C

4/6KV

High brightness

Efficient heat dissipation

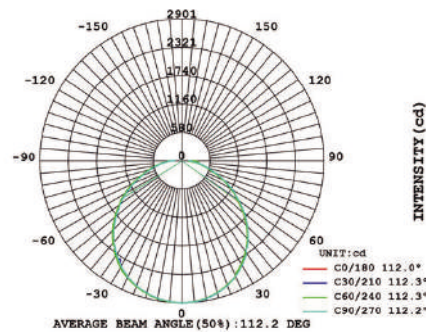


RL-EXP-WP262-A



RL-EXP-WP262-B

Lighting distribution



RL-EXP-WP262-C



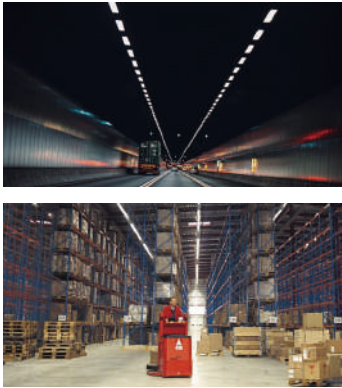
RL-EXP-WP262-D

Parameters

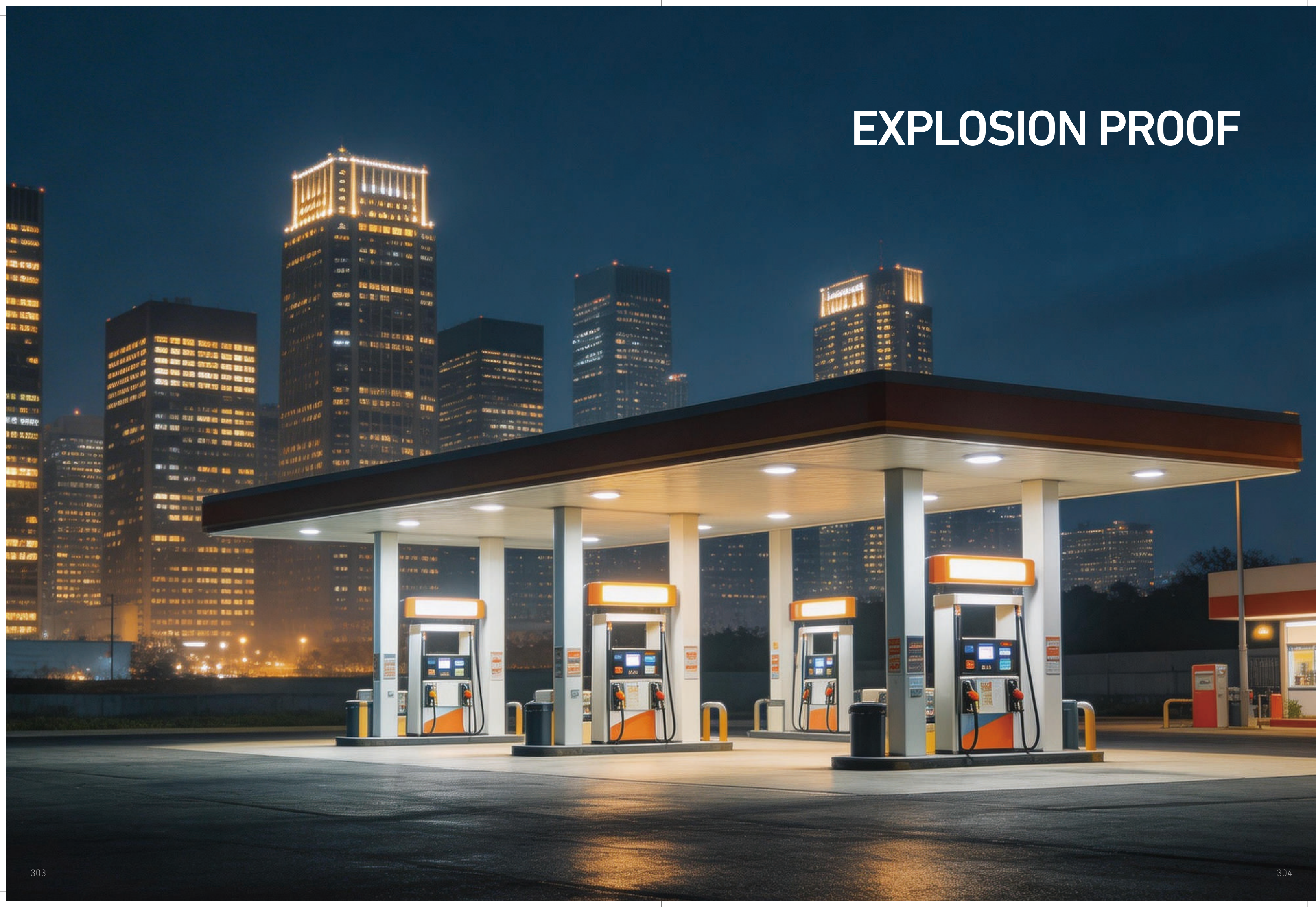
Model No.	RL-EXP-WP262-A	RL-EXP-WP262-B	RL-EXP-WP262-C	RL-EXP-WP262-D
Power	20/30W	20/30/40/50W	40/50/60/70W	40/50/60/70/80/100W
Size(mm)	329*125*168.7	629*125*168.7	929*125*168.7	1229*125*168.7
LUMENS	120-140Lm /w			
CCT (Typ. K ± 10%)	3000-6500K			
CRI (Ra)	≥70			
Vpltage-Frequency	12-24V DC/100-277 Vac 50-60Hz			
Power supply	High efficiency LED driver, more than 50000 hours lifespan			
DIM.OP	0-10V/1-10V/DALI			
Beam angle	120°			
Power Factor	>0.95			
Rated lifetime-L70(hrs)	50000 hours			
THD	<10%			
Operating temperature	- 40 ~ + 50°C			
Entry size	3/4"-14 NPT or M25*1.5 or M26*1.5			
Cable	Three-core rubber cable, ICE(CE)certification, with 0.5m cable(Standard)			
Warranty	5 Years			

Applications

Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor or indoor mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present



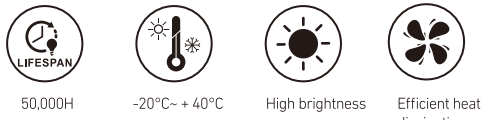
EXPLOSION PROOF



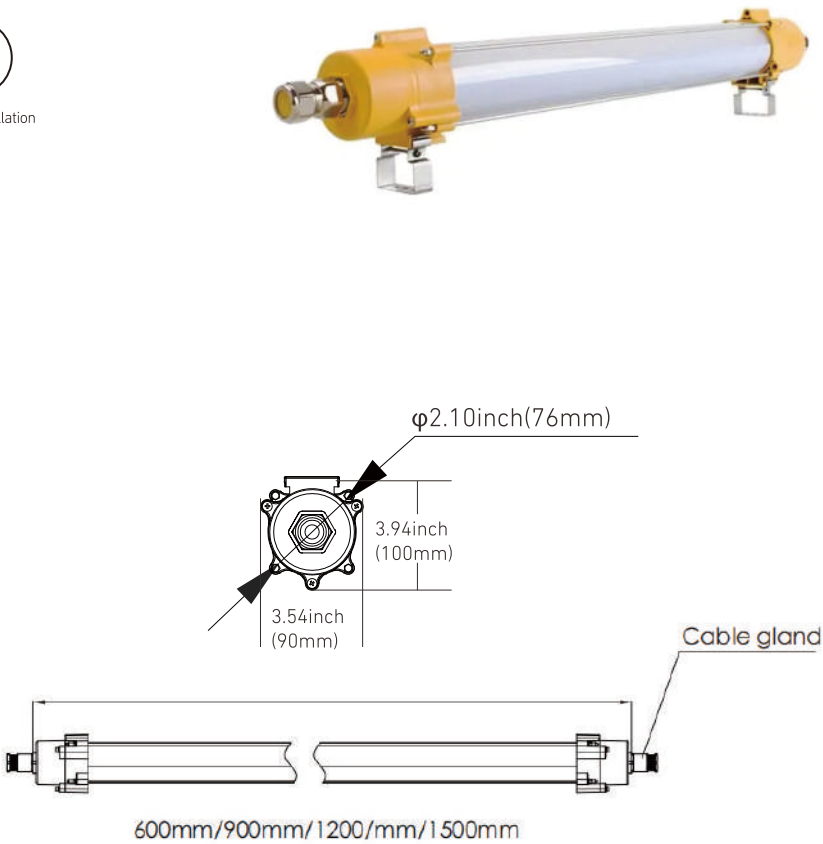
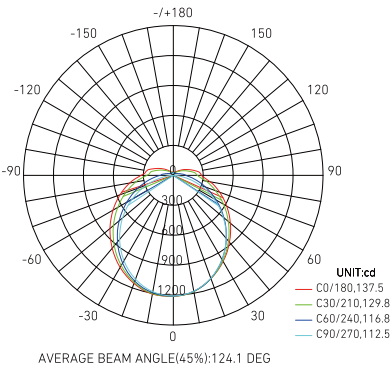
RL-EXP-WP263-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. ATEX Marking: Ex II 2G Ex eb mb IIC T5 Gb / Ex II 2D Ex tb IIIC T100°C Db
- 2. Granted by French Design Award and Muse Design Award
- 3. IP66, IP69K, IK10 Approved, ATEX, IECEX, CE, RoHS Certified
- 4. Material: 3mm thickness S2000 Mitsubishi PC
- 5. End cap: PA66 + Fibreglass
- 6. Non-flicker, THD<15%, S304 ATEX cable gland, Anti-UV



Lighting distribution



Parameters

Model No.	RL-EXP-WP263		
Power	20W	30W	36W
Lumen(lm)	3000	4500	5400
Light Source	SMD2835		
CCT (Typ. K ± 10%)	3000K: 3045±175K, 4000K: 3985±275K, 5000K: 5029±283K, 6000K: 6065±415K		
CRI (Ra)	≥80		
Voltage-Frequency	100-277V 50/60Hz		
Waterproof	IP69K / IP66		
IK Rate	IK10		
Beam angle	120°		
Power Factor	>0.95		
Rated lifetime-L80(hrs)	50000 hours		
Operating temperature	-20 ~ +40°C		
Warranty	5 Years		

Applications

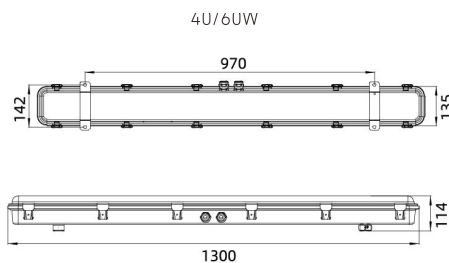
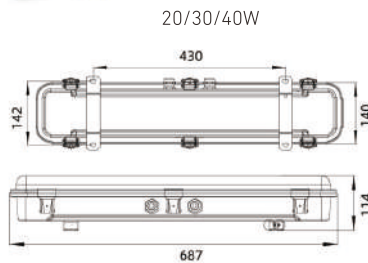
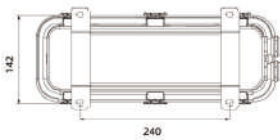
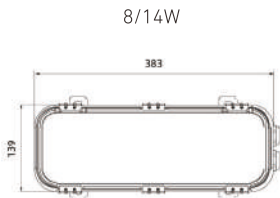
Thermal / Oil Refinery / Power Plant / Chemical / Laboratory Indoor And Outdoor Operations, Construction Sites, Devices And Facilities, etc



RL-EXP-WP264-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. The shell is stretched and formed from high-quality stainless steel plate, and the surface undergoes high-voltage electrostatic spraying for corrosion resistance
- 2. The lampshade is a heat resistant PC
- 3. Stainless steel mounting bracket and stainless steel exposed fasteners
- 4. The structure of the light source cavity and the power supply cavity/wiring cavity are separated, and the installation and maintenance are convenient
- 5. Adopt high-efficiency, long-life, Green and environmentally friendly SMD LED light source
- 6. LED light source and drive power part, using the core patent technology independently developed and adopting the encapsulated type Ex-proof form, safer and more reliable
- 7. Wide voltage input range, constant current constant voltage power supply, constant power output, with open circuit protection, short circuit protection and other function.



Parameters

Model No.	RL-EXP-WP264		
Power	8/14W	20/30/40W	40/60W
Lumen(lm)	800/1400lm	2000/3000/4000lm	4000/6000lm
Efficiency	≥100lm/W		
CCT	5500~6500K		
Ex-mark	ExebmbIICT5/6Gb ExtbIIICT80°C/T95°C		
DIM.OP	0-10V/1-10V/DALI		
Voltage	AC 100-277V 50HZ/60HZ DC18-36V		
Waterproof	IP66		
Corrosion-proof	WF2		
Power Factor	>0.9		
Battery Emergency(E1) Battery Type(nickel-chromium battery)	Emergency power	4W±5%	
	Emergency time	≥180min	
DC24V Emergency(E2)	Emergency power	4W±5%	
	Emergency voltage	DC18-36V	
Temperature	-35°C~+40°C/-35°C~+55°C		
Warranty	5 Years		

Applications

Widely used in inland oil exploration, refineries, chemical plants, dangerous goods terminals and storage areas Explosive hazardous environment



RL-EXP-HB5322-SERIES

HIGH-EFFICIENCY TRIPROOF LAMP SOLUTION

- 1. Selection of high-quality drive, high performance, high efficiency, high stability, with short circuit, over current, over voltage, over temperature protection function;
- 2. LED light source, long life, low power consumption, high brightness, irradiation distance, soft light, good color rendering;
- 3. Toughened glass with 8 cm depth, with anti-corrosion, impact resistance, high temperature resistance, heat upheaval and other properties;
- 4. The lamp adopts integrated design, thickened fin type heat dissipation design, excellent protection performance, to meet the requirements of industrial lighting;
- 5. The aluminum shell of the lamp has a good sealing structure with a thickness of 4 cm. The protection level is IP66
- 6. Golden ratio design, solid and stable structure, multi-angle free adjustment, easy installation.



150LM/W



Warranty



IP66



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ +50°C



4/10KV



High brightness

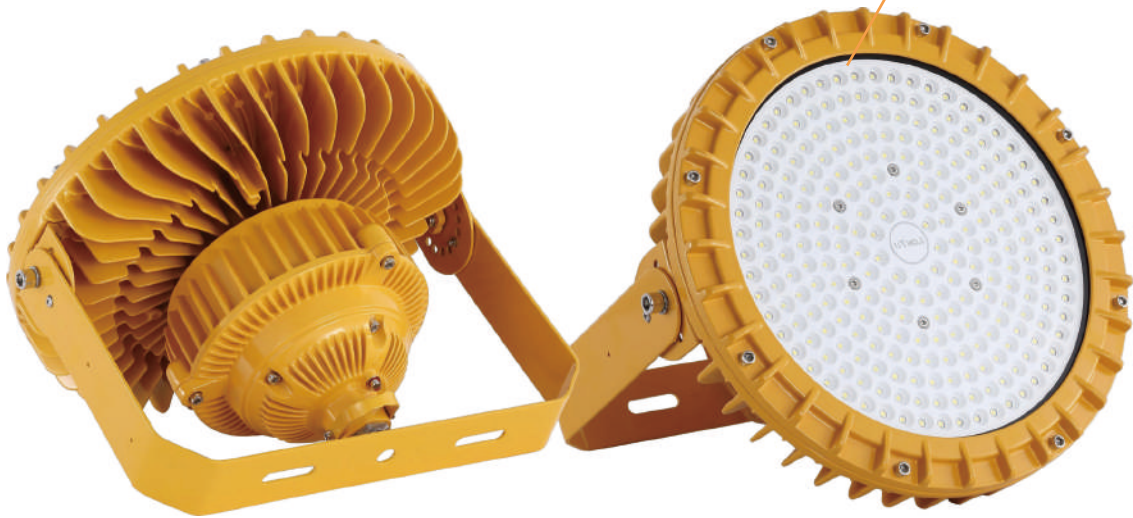


Efficient heat dissipation



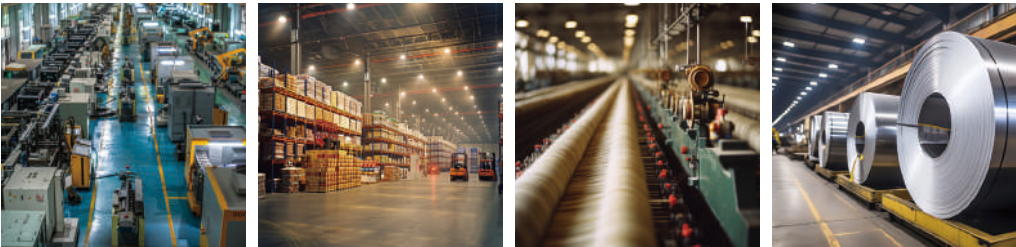
Toughened glass

Toughened glass with 8 cm depth, with anti-corrosion, impact resistance, high temperature resistance, heat upheaval and other properties



Applications

Widely used in factories, warehouses, pharmaceutical, textile, printing and dyeing and other industrial sites



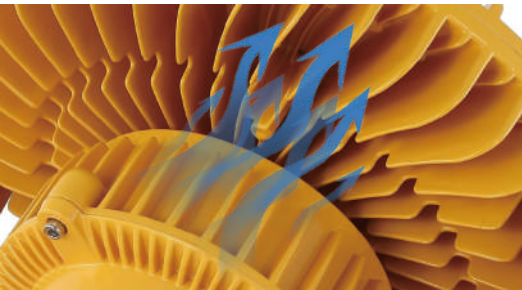
Outdoor Protection

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



The lamp adopts integrated design

Thickened fin type heat dissipation design, excellent protection performance, to meet the requirements of industrial lighting;



Parameters

Model No.	RL-EXP-HB5322			
Power	50-70W	100-120W	150-200W	300-400W
Size	23*23*23cm	27*27*26cm	33*33*30cm	42*42*35cm
LUMENS	120-140Lm /w			
CCT (Typ. K ± 10%)	6000-6500K			
CRI (Ra)	≥75			
Insulation class	Class I			
Beam angle	Type II			
Input voltage	AC100-275V, 50-60Hz			
DIM.OP	0-10V/1-10V/DALI			
Power Factor	0.92-0.98			
Applicable cable diameter	Φ6-14mm			
Housing	High-pressure die-cast aluminum			
Operating Temperature	- 40 ~ + 50°C			
Storage humidity	10% ~ 85%			
Protection	IP66, IK08			
Inlet port specifications	G3/4			
Inlet port specifications	WF1			
Corrosion protection grade	50,000 hours at L70			
Warranty	5 Years			

LED light source

Long life, low power consumption, high brightness, irradiation distance, soft light, good color rendering

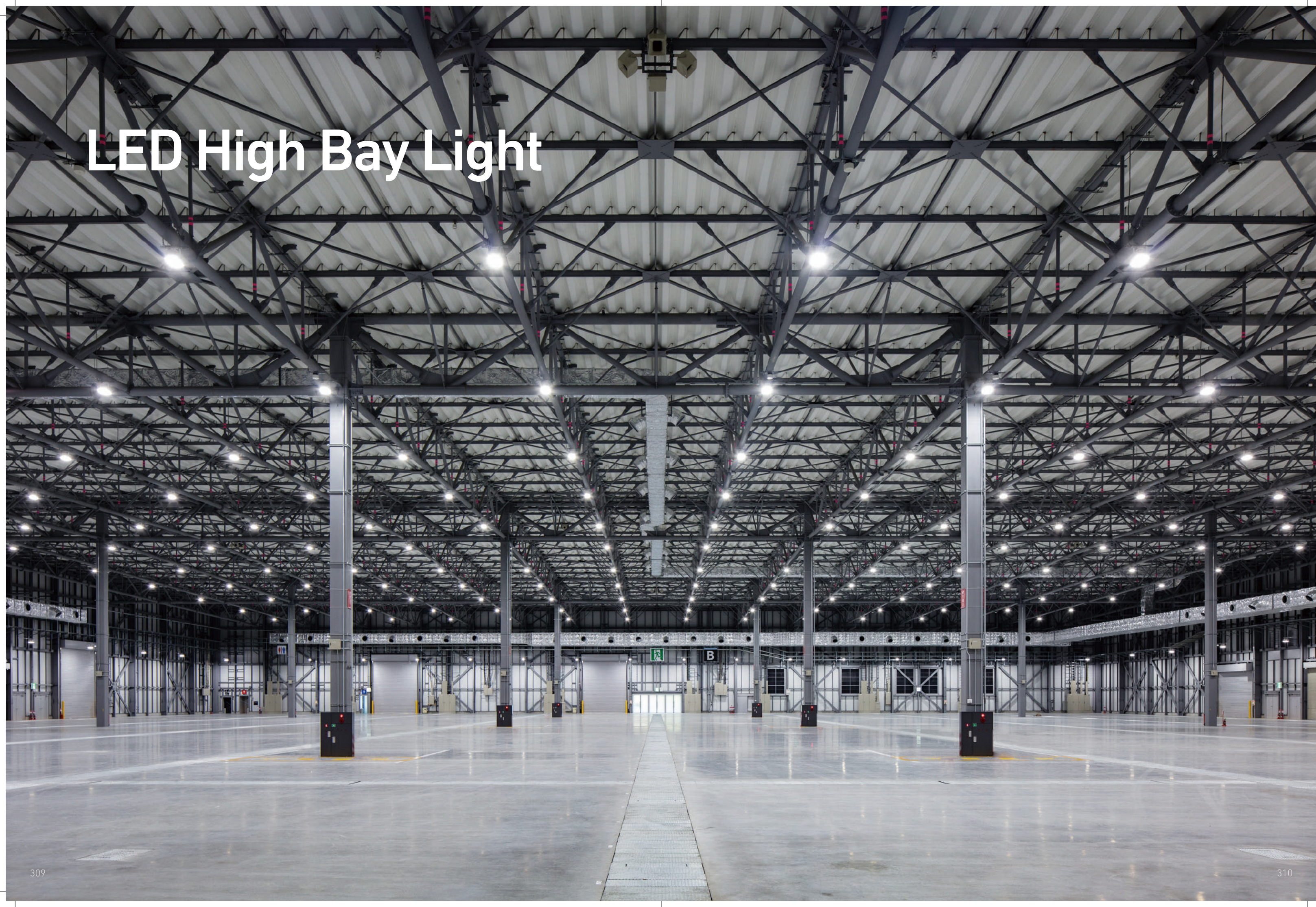


Multi-angle free adjustment

Golden ratio design, solid and stable structure, easy installation



LED High Bay Light

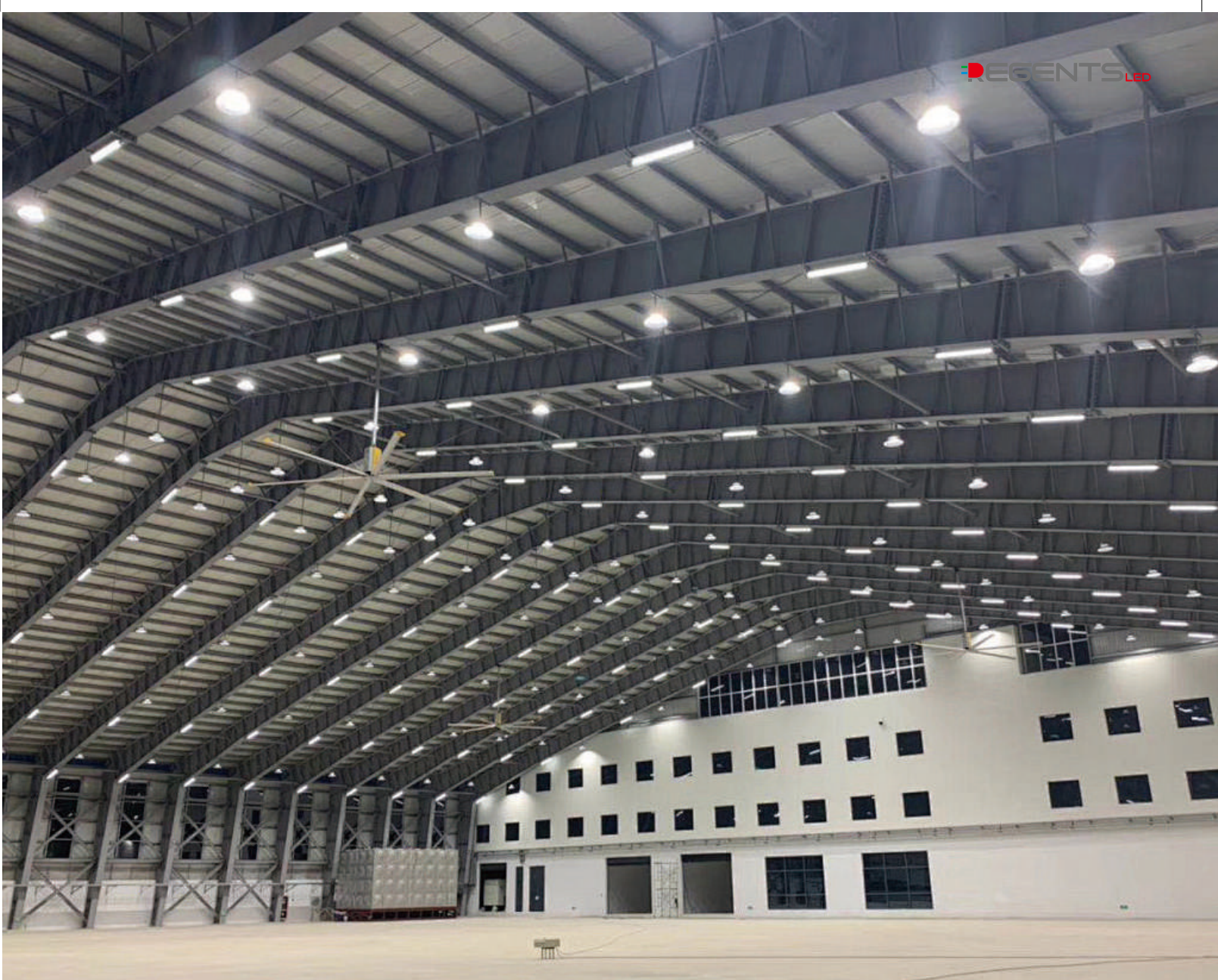




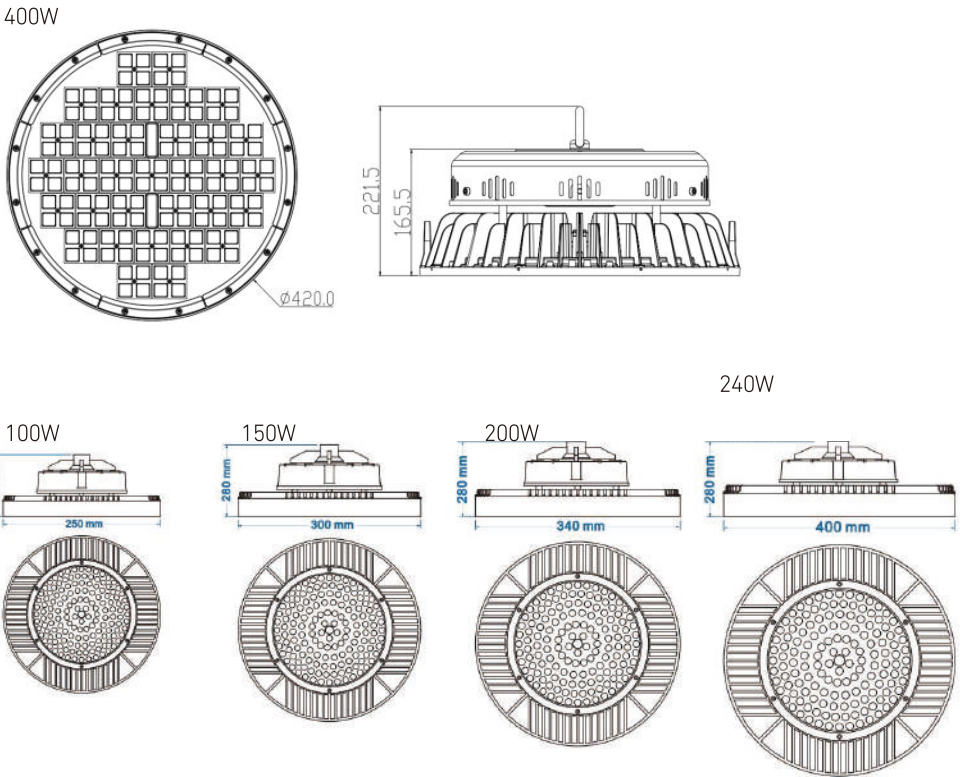
RL-HB5328-SERIES

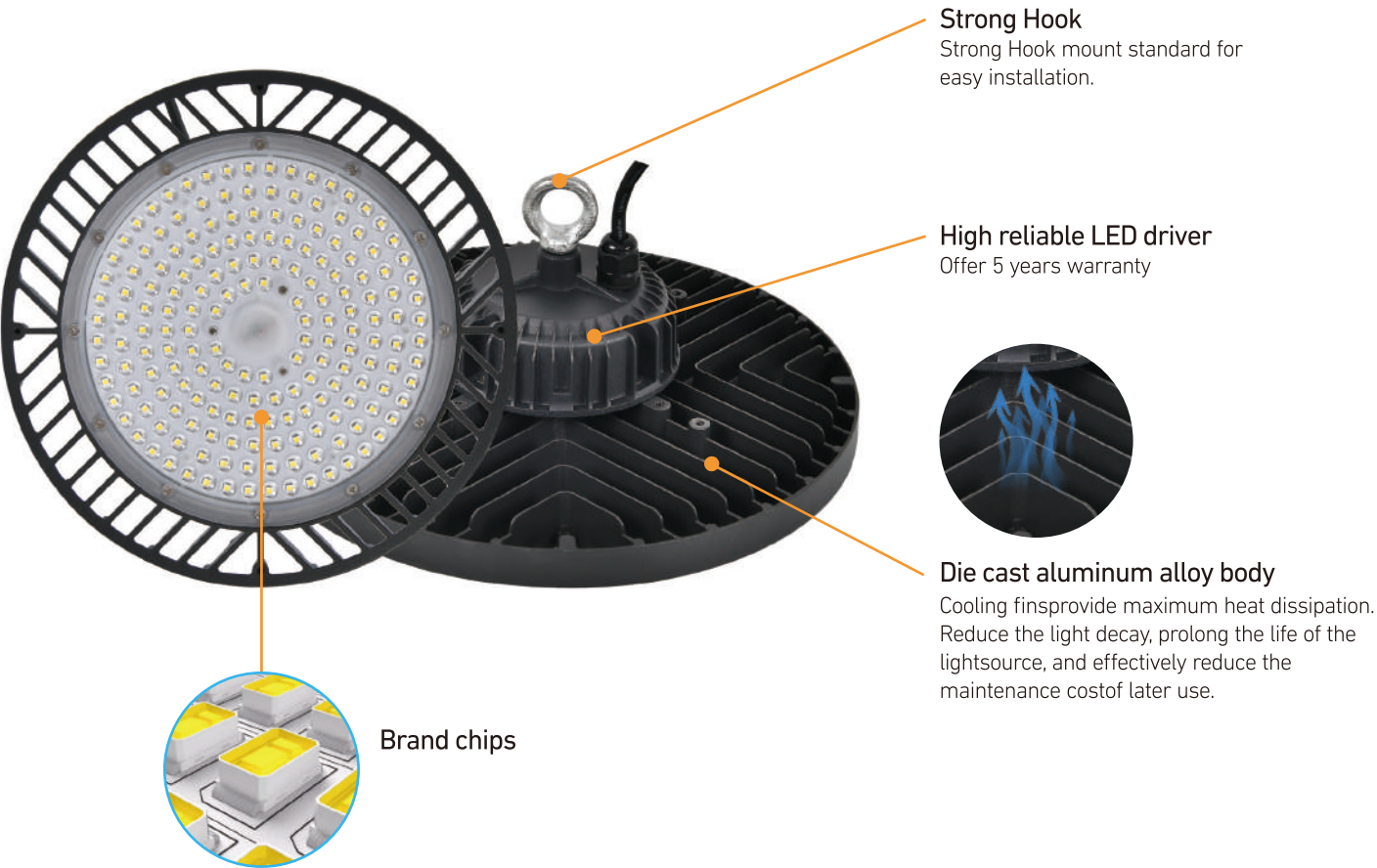
HIGH-EFFICIENCY
LED High Bay Light
SOLUTION

 DIMMING 0/1-10V/DALI	 180Lm/W	 WARRANTY 5 YEARS	 IP65
 MICROWAVE SENSOR	 IK10	 LIFESPAN 50,000H	 -30°C~+60°C
 30°/60°/90°	 360° Cooling	 RAPID HEAT DISSIPATION	 EASY INSTALL

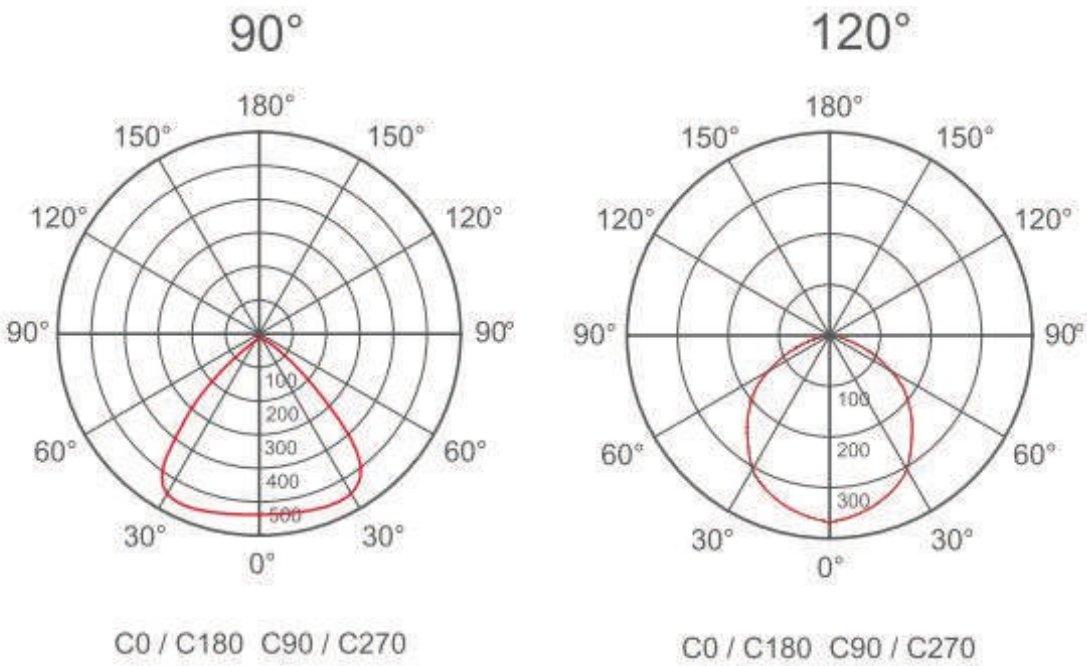


Dimension [MM]

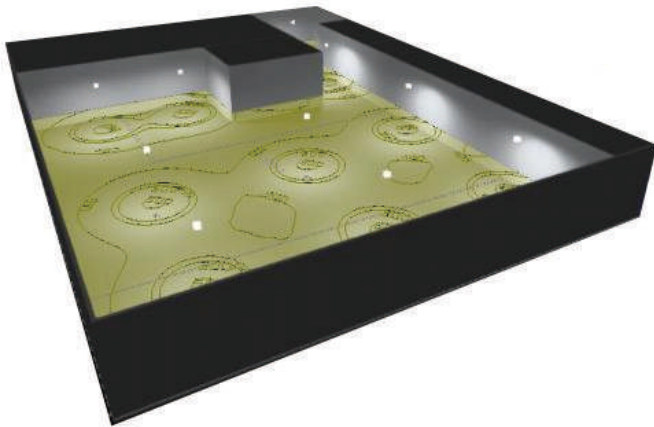




Light distribution



Dialux simulation (90°)



Applications

Suitable for warehouses, workshops, indoor venues, etc



Parameters

Wattage	100W		150W		200W		240W		400W	
Input voltage	AC100V-265V									
Frequency	50HZ-60HZ									
Total harmonic distortion	≤9%									
DIM.OP	0-10V/1-10V/DALI									
Power factor	>0.95									
LED luminous efficiency	130LM/W									180LM/W
LED BRAND	OSRAM/LIMELEDs									
Lumen	13000LM		19500LM		26000LM		31200LM		72000LM	
Driver	SOSEN/PHILIPS/MEANWELL									
Color temperature	2800-6500K									
Beam angle	90°/120°				30°/60°/90°					
Lamp's efficiency	>90%									
Illuminance uniformity	>0.6									
Color rendering index	Ra>70									
Light distribution	Circular Symmetrical luminescence									
Light design	LED+Lens Secondary Optical									
LED Junction temperature	≤66.5℃									
Working temperature	-30℃——+65℃									
Storage temperature	-30℃——+65℃									
IP Grade	IP65									
Working life-span	>50,000H									
Warranty	5 Years									



RL-HB5329-SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION

Power and CCT tunable fixture (100-240V)
Comes with expansion port for sensors
Suitable for wet locations
Kits available for surface mount or pendant mount
PIR and microwave sensor kits available
Available accessories: Aluminum and polycarbonate reflector.
The material of heat sink is high thermal conductivity NO.ADC12 aluminum, good for heat dissipation.
The unique design of housing help to speed up the heat dissipation,further ensuring the life of the fixture.
The integrated design of appearance makes the fixture looks elegant.
This fixture is waterproof, dustproof, anticorrosive.



DIMMING

0/1-10V/DALI

140-170Lm/W

WARRANTY

IP65

WET RADET

MICROWAVE SENSOR

IK10

LIFESPAN

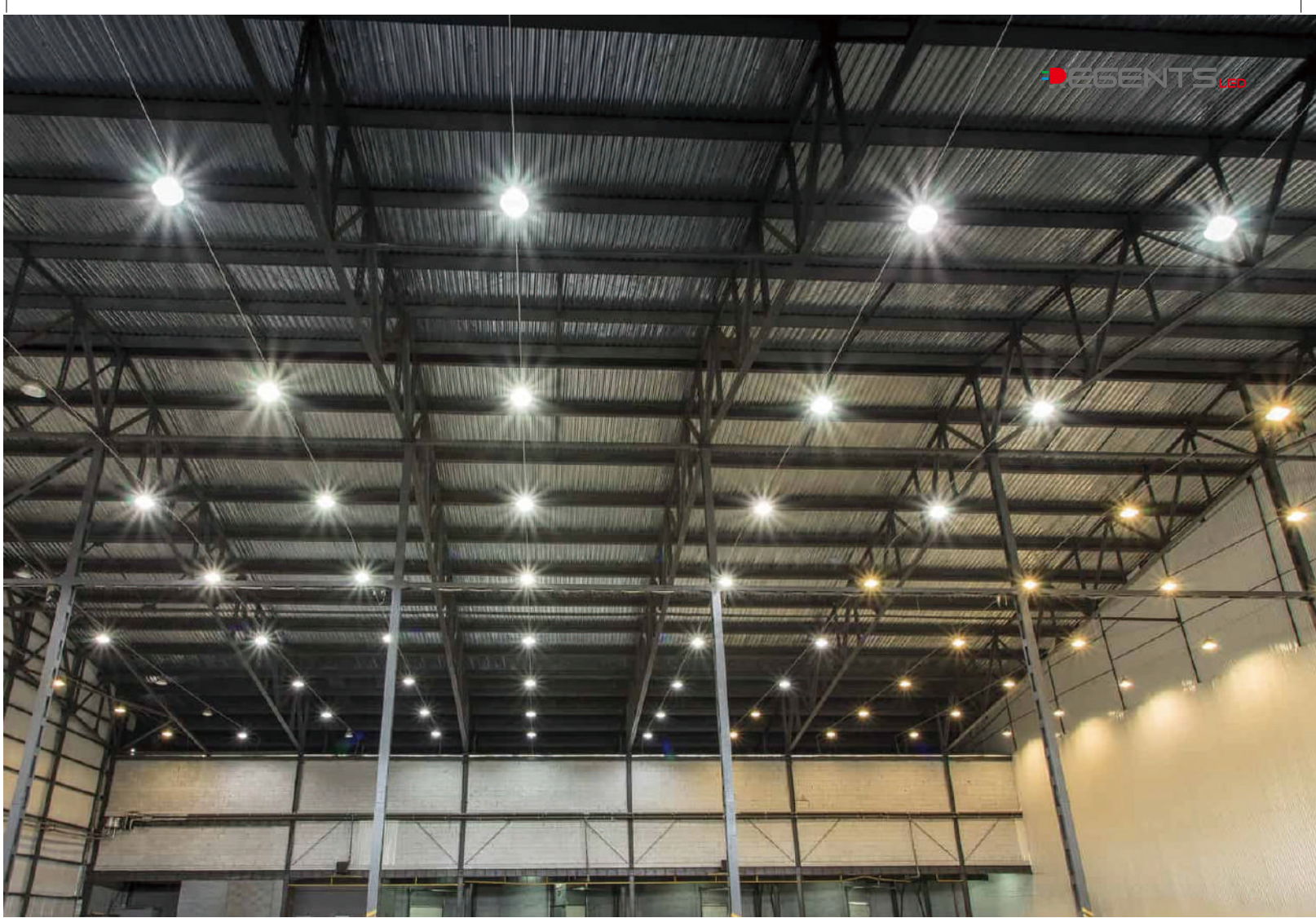
-30°C~+50°C

EASY INSTALL

60°/90°/120°

360° Cooling

RAPID HEAT DISSIPATION

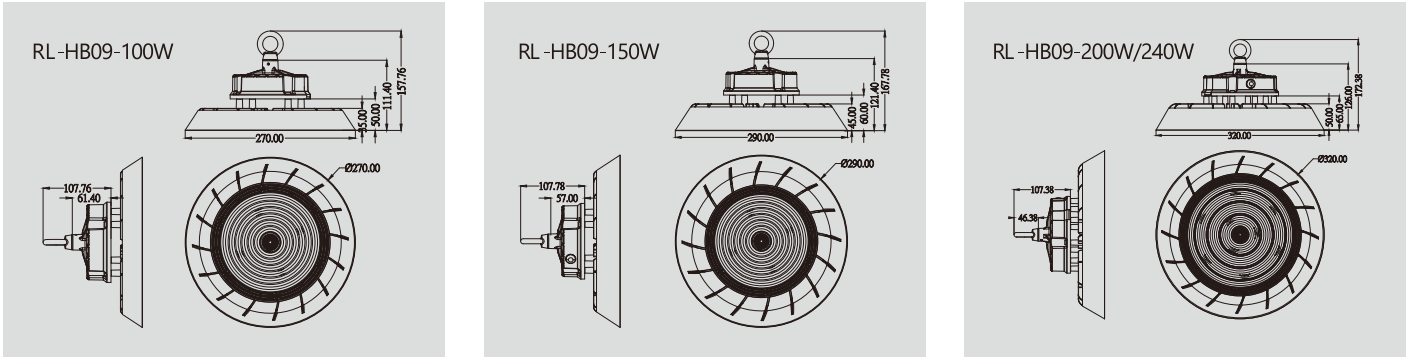


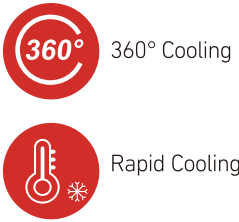
Applications

High-Temperature LED Industrial & Mining Lights Built for harsh environments. Perfect for Industrial Plants 、 Steel & Chemical Facilities、 Food Processing Plants Warehouses & Supermarkets 、 Stadiums & Exhibition Centers、 Mining Operations Durable. Bright. Reliable



Dimension [MM]

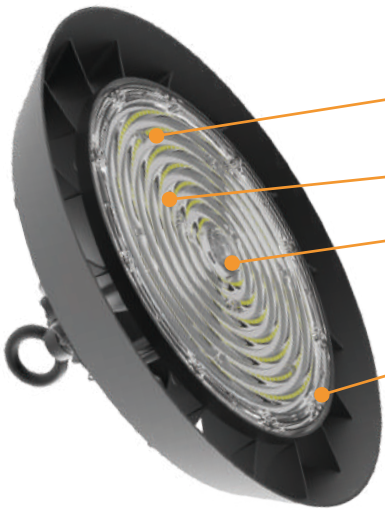




Strong Hook

High reliable LED driver
Offer 5 years warranty

Die cast aluminum alloy body
Cooling fins provide maximum heat dissipation. Reduce the light decay, prolong the life of the lightsource, and effectively reduce the maintenance cost of later use.



High bright LED
Energy saving Provide even light

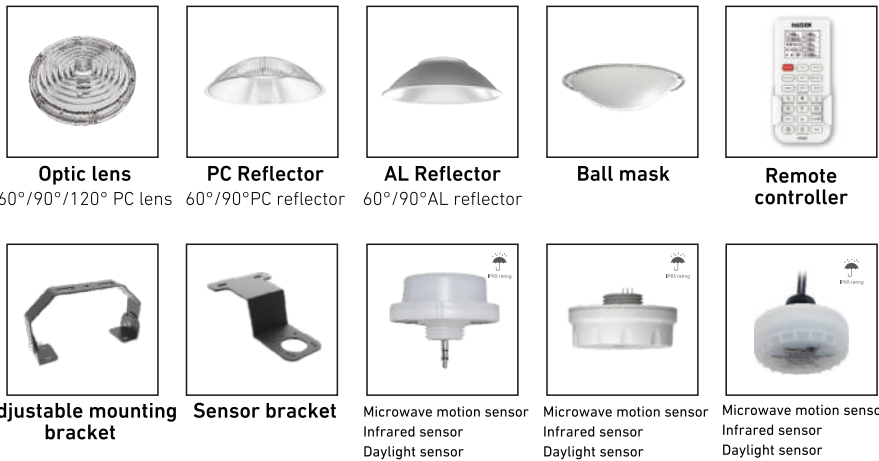
High light transmittance Lens

Sensor can be installed
(Microwave, infrared and daylight sensor bluetooth etc.)

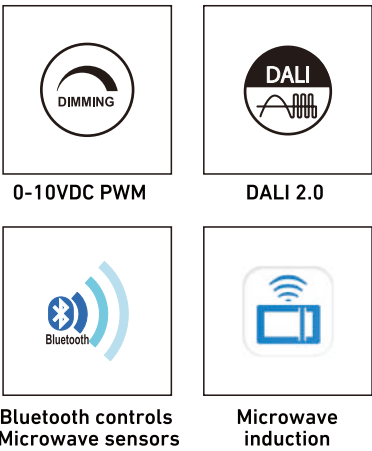
Sealed washer
IP65 waterproof effect



Accessories optional



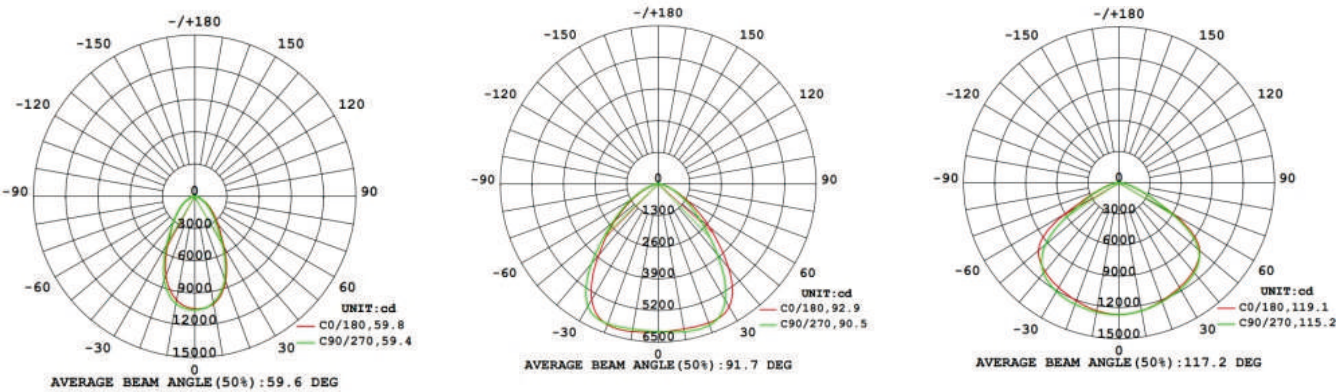
Intelligent dimming



Field adjustable



Photometrics



Parameters

Model No.	RL-HB5329-SERIES			
Wattage Tunable	100W	150W	200W	240W
Efficiency	140-170Lm/W	140-170Lm/W	140-170Lm/W	140-170Lm/W
Luminous Flux	14000-17000Lm	21000-22500Lm	28000-34000Lm	33600-40800Lm
LED Type	Lumileds/Samsung			
DIM.OP	0-10V/1-10V/DALI			
CCT	3000K/4000K/5000K/5700K/6500K			
CRI	>70Ra(80Ra optional)			
Beam Angle	60°/90°/120°			
Power Supply	Sosen/Lifud/Philips			
Input Voltage	AC220-240V/AC100-277V			
Power Frequency	50/60Hz			
Power Factor	0.95			
Total Harmonic Distortion	<15%			
SPD	6KV			
Heat Radiator	ADC12 Aluminum alloy			
Lens Materia	CPC			
IK Rating	IK10			
IP Rating	IP65			
Working Temperature	-30°C—+65°C			
Storing Temperature	-30°C—+65°C			
Lifetime(L70 Standard)	50,000 hours			
Warranty	5 Years			



RL-HB5330-SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION

160-170Lm/W superior energy-saving solution
A versatile lighting fixture for various industrial, commercial,
and indoor sports scenario

DIMMING

0/1-10V/DALI

160-170Lm/W

WARRANTY

IP65

WET RADET

MICROWAVE
SENSOR

DALI 2.0

IK10

50,000H

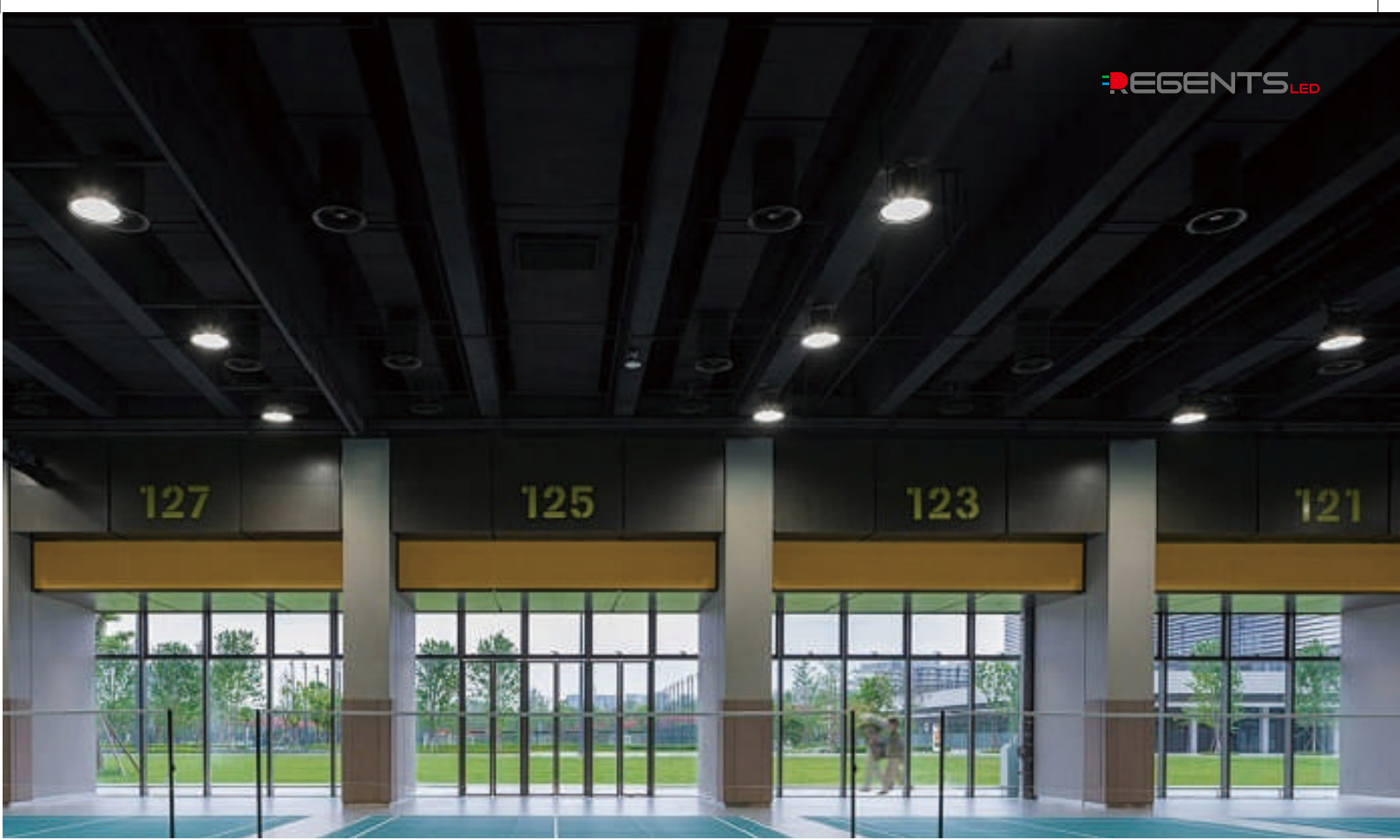
-30°C~+45°C

EASY
INSTALL

360°
Cooling

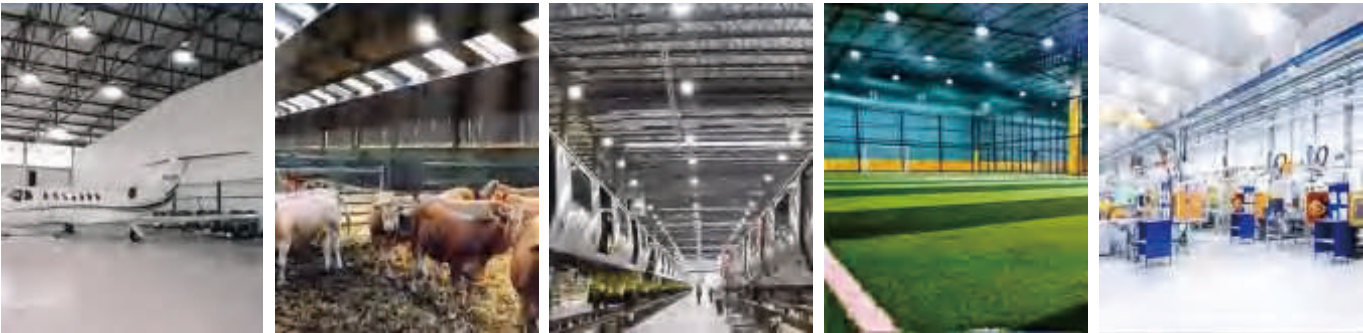
RAPID HEAT
DISSIPATION

60°/ 90°/ 120°
(Three angles can be switched at will)

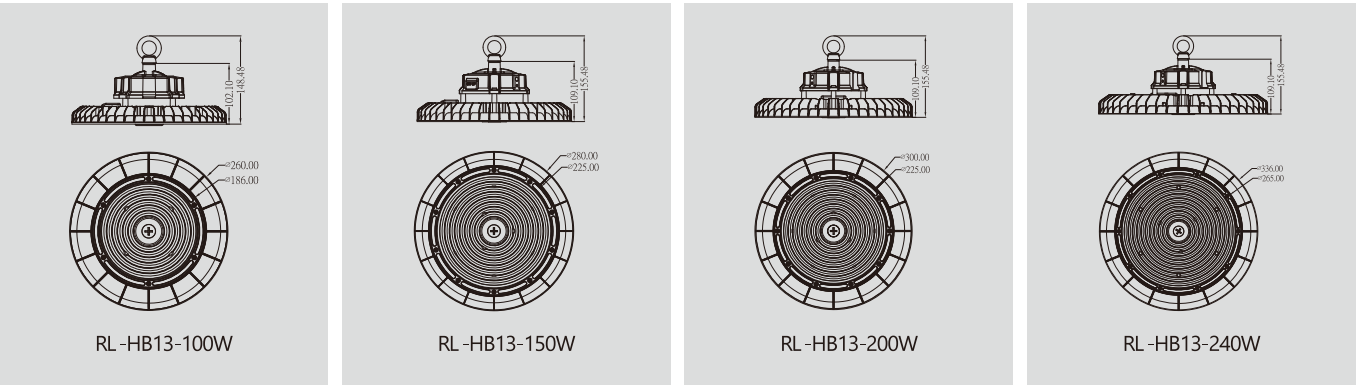


Applications

LED High Bay Light for industrial lam for in dustrial, factory,
workshop, garages, warehouse, basement, logistics centers, mines,
exhibition halls, sports halls, mining, toll stations and supermarkets. ect



Dimension [MM]



Unique fins design, high power UFO high bay light
High efficiency heat dissipation/wide irradiation area/longer service life



SWITCH
3 Angles
Power
CCT

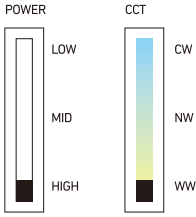
Unique fins design, high power UFO high bay light



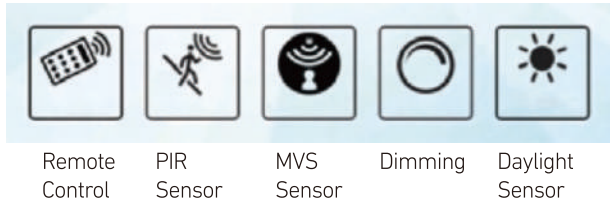
Sensor Optional



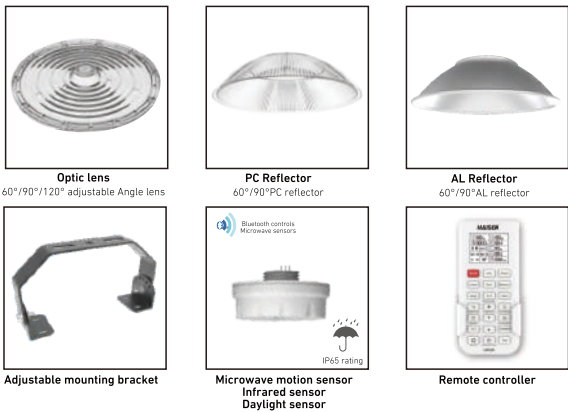
FIELD ADJUSTABLE



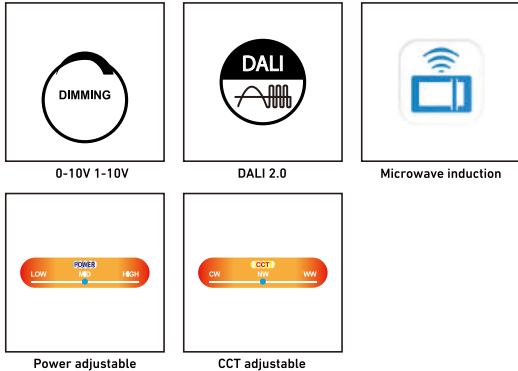
Smart control, reduce waste
Microwave, infrared and daylight sensor bluetooth etc.



Accessories optional

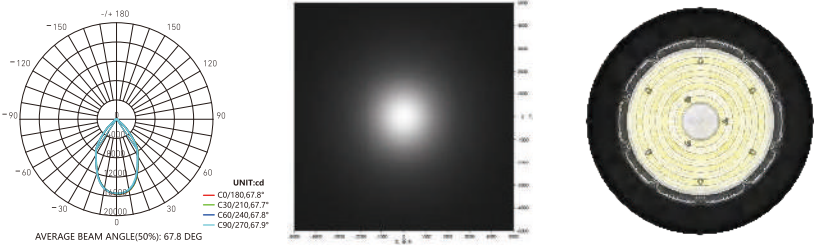


Intelligent dimming

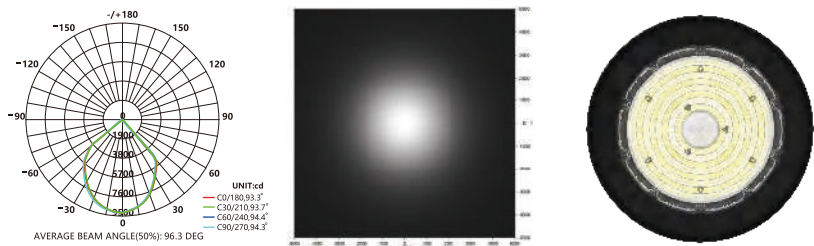


Photometrics

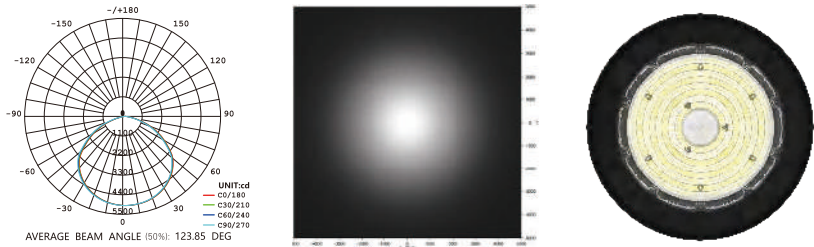
Lens/60°
S=60°
Asymmetrical Ultra Wide
21,000 Lumens
5000K



Lens/90°
M=90°
Asymmetrical Width
21,000 Lumens
5000K



Lens/120°
Asymmetrical Ultra Wide
21,000 Lumens
5000K



Parameters

Model No.	RL-HB5330			
Wattage Tunable	100W (100%/80%/60% Tunable)	150W (100%/80%/60% Tunable)	200W (100%/80%/60% Tunable)	240W (100%/80%/60% Tunable)
LED Type	Lumileds/Samsung			
DIM.OP	0-10V/1-10V/DALI			
Efficiency	160-170Lm/W			
Luminous Flux	17,000Lm/24,000Lm			
CCT	3000K/4000K/5000K/5700K/6500K			
Beam Angle	60°/ 90°/ 120° (Three angles can be switched at will)			
CRI	>70Ra/80Ra			
Power Supply	Sosen/Lifud/Philips/Moso			
Input Voltage	AC220-240V/AC100-277V			
Power Frequency	50/60Hz			
Output Voltage	DC180V-260V			
Power Efficiency	>93%			
Power Factor	>0.9			
Total Harmonic Distortion	<15%			
IP	IP65			
Ik code	IK10			
Junction Temperature	<75°C(Ta=30°C)			
Storage Temperature	-40°C—+70°C			
Operating Temperature	-30°C—+45°C			
Lifetime(L70 Standard)	>50000Hrs(Ta=30°C)			
Heat Radiator	Die-cast aluminum			
Lens Material	PC			
Warranty	5 Years			



RL-HB5331 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION



0/1-10V/DALI



160-175Lm/W



WARRANTY



IP65/IP66



EASY
INSTALL



DALI 2.0



IK08/IK10



50,000H



360°
Cooling



RAPID HEAT
DISSIPATION



-40°C~+50°C
-40°F to +122°



WET LOCATION

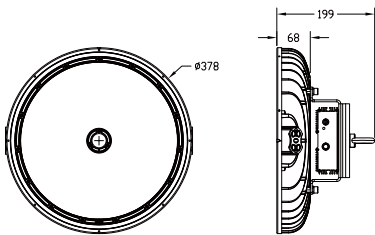


Applications

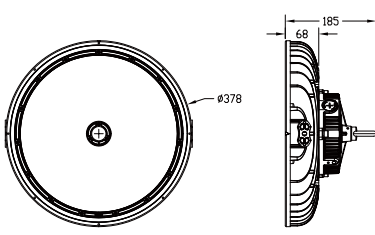
Industrial-Grade Powerful Lights
Built for large spaces requiring exceptional illumination, Large factories, logistics warehouses, sports venues, large workshops and other high-ceilinged spaces



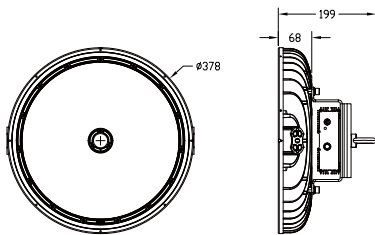
Dimension [MM]



RL-HB5331-400W



RL-HB5331-500W

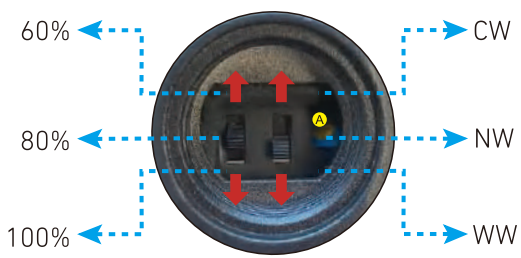


RL-HB5331-600W



360°

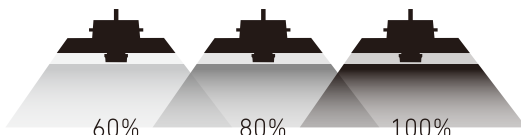
Dual Built-in DIP Switch
Micro-Current Tuning



60% 80% 100%

CW NW WW

3-in-1 Power Adjustment



60% 80% 100%

Supports 3-step power switching
(typically 100%/80%/60% of base wattage).

3-in-1 Linear CCT Tuning



CW NW WW

Users preset Min/Max CCT values;
the fixture auto-calculates and
delivers the midpoint.

Standard Mounting Options



Pendant Mounting Pendant Mounting Surface Mount:
360° Rotatable U-bracket

Wide-Area High-Intensity Illumination

The HB19 Series offers three high-power options: 400W, 500W, and 600W, with a maximum luminous flux of up to 96,000 lumens, with multiple beam angle options (12°/25°/40°/60°). A single fixture efficiently covers 150-250 m² of high-bay space, completely eliminating dark zones.

Robust Durability for Harsh Environments

Die-cast aluminum heat sink + steel bracket; IP65/IP66 rating for dust/water resistance; Optional IK08/IK10 impact resistance; stable at -40°C to +50°C extreme temperatures

Energy Savings ≥50%, Turning Efficiency into Profit

High-quality LED sources (Osram / Lumileds) deliver max 175Lm/W efficacy, cutting energy use by over 50% vs. traditional fixtures; Adjustable power/color temperature adapts to varied operating conditions and environments.

Long Lifespan, Low Maintenance, Cost-Effective

One HB19 can replace 3-4 low wattage lamps, significantly reducing the number of luminaires and saving on installation and maintenance costs; Average service life of up to 50,000 hours. Providing 5-year warranty significantly



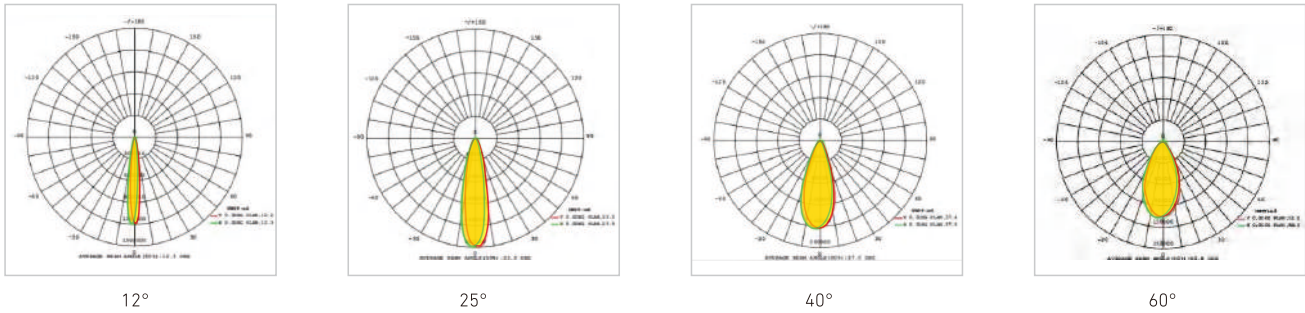
Driver Installation Options



Accessories



Photometrics



Parameters

Model No.	RL-HB5331		
Power Consumption(±5%)	400W (100%/80%/60% Tunable)	500W (100%/80%/60% Tunable)	600W (100%/80%/60% Tunable)
Power Supply	Inventronics/Moso/Sosen/Lifud		
Input Voltage	AC90-305V/100-277V		
Power Factor	>0.95		
Surge Protection	6KV		
Driver Type	Constant Current (CC)		
Control	0-10V,1-10V, DMX512,DALI, RGB/RGBW		
LED Type	Osram /Lumileds		
Light Efficacy(5000K, Ra70)	175Lm/W	170Lm/W	160Lm/W
Luminous Flux (±10%)	70,000Lm	85,000Lm	96,000Lm
Correlated Color Temperature	3000K, 4000K, 5000K, 5700K, 6500K		
Color Rendering Index	70, 80, 90, TLCI90 optional		
SDCM	6		
Beam Angle	12° / 25° / 40° / 60°		
Product Dimension	L378*W378*H199mm (L14.88"*W14.88"*H7.83")	L378*W378*H185mm (L14.88"*W14.88"*H7.28")	L378*W378*H199mm (L14.88"*W14.88"*H7.83")
Mounting Option	Hoisting/ Ceiling installation/ Wall mounting		
Structrue & Material & Finish	Die-casting Heat Sink/ ADC12 / Powder coated Steel Metal Bracket / SPCC / Powder coated		
Lens	PC Lens / PC Lens+Glass optional		
Fixture Color	Black		
IK Rating	IK08, IK10 optional		
IP Rating	IP65/IP66		
Operating Temperature	-40°C ~ +70°C (- 40°F - +158°F)		
Life Time of LED @Ta=25° C	50,000Hours		
Warranty	5 Years		



RL-HB5332 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION

- 

DIMMING

0/1-10V/DALI
- 

170-175Lm/W
- 

WARRANTY
- 

IP66
- 

EASY
INSTALL
- 

DALI 2.0
- 

IK08/IK10
- 

50,000H
- 

360-degree
rotation
- 

RAPID HEAT
DISSIPATION
- 

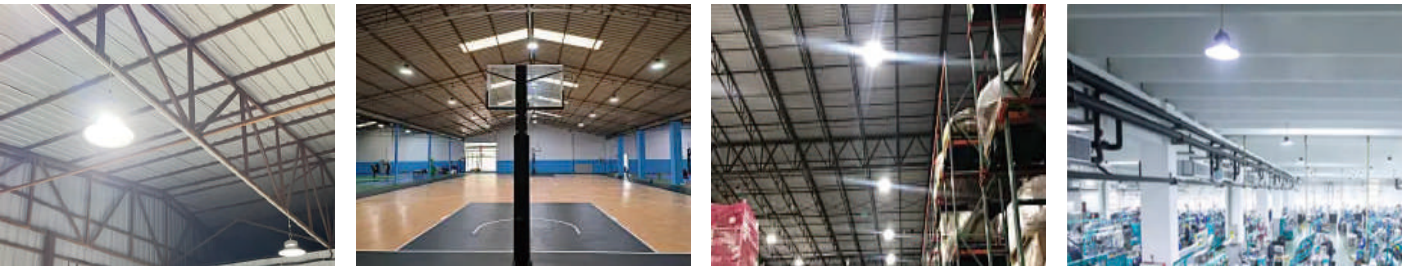
-40°C~+70°C
-40°F to +158°
- 

WET LOCATION

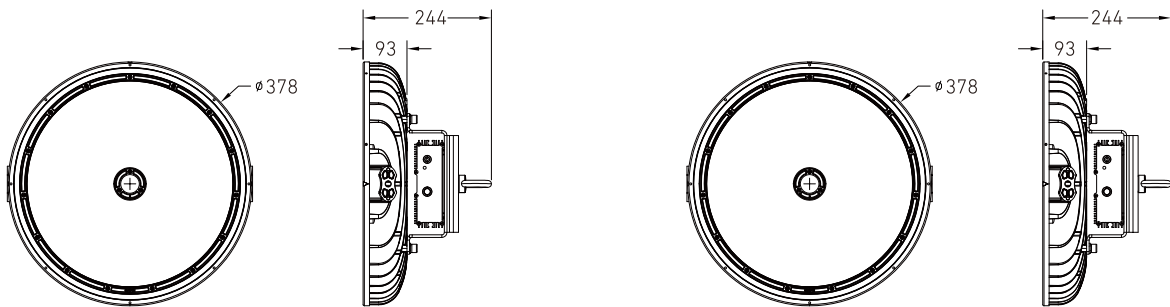


Applications

High-Temperature LED Industrial & Mining Lights Built for harsh environments. Perfect for Industrial Plants、Steel & Chemical Facilities、Food Processing Plants Warehouses & Supermarkets、Stadiums & Exhibition Centers、Mining Operations Durable. Bright. Reliable



Dimension [MM]

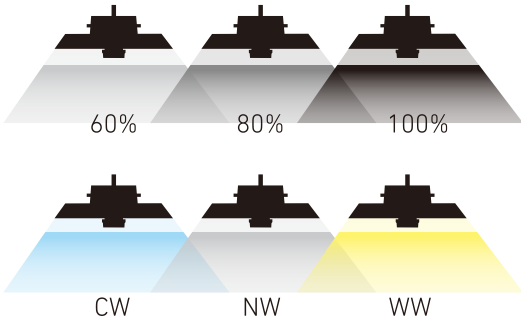


RL-HB5332-300W

RL-HB5332-400W



3-in-1 Smart Tuning
Power & CCT Adjustment



With a control board placed in the
die - cast housing, it enables:

3 - step power switching (60%/80%/100% of base wattage)
for flexible energy matching.
CCT adjustment across WW, NW, CW. Users preset min/max CCT;
the fixture auto - finds the mid - point

Standard Mounting Options



Exceptional High-Temperature
Performance

Wide Operating Range: -40° C to +70° C, ideal for harsh industrial environments
Advanced Thermal Management: ADC12 die-cast aluminum heat sink
with honeycomb design ensures stable performance even at 70° C
IP66 Protection: Complete dust protection and resistance to high-pressure water jets

Superior Stability & Longevity

50,000 Hours Lifespan: Over 11 years of reliable operation (at 12 hours/day)
<1% Flicker Rate: Provides comfortable and healthy lighting for workers
6KV Surge Protection: Withstands voltage fluctuations in unstable grid areas

Outstanding Energy Efficiency

High Efficacy: 175 lm/W (300W: 52,500 lm / 400W: 70,000 lm)
Smart Control Ready:
Compatible with 0-10V, DMX512, DALI protocols for energy savings up to 30%
Power Factor >0.95: Maximizes energy utilization efficiency

International Quality & Certifications

Premium Components:
Features Osram/Lumileds LEDs and Inventronics/Moso drivers
Global Certifications: CE, RoHS, ENEC certified
Wide Voltage Input:
AC90-305V/100-277V, suitable for global markets



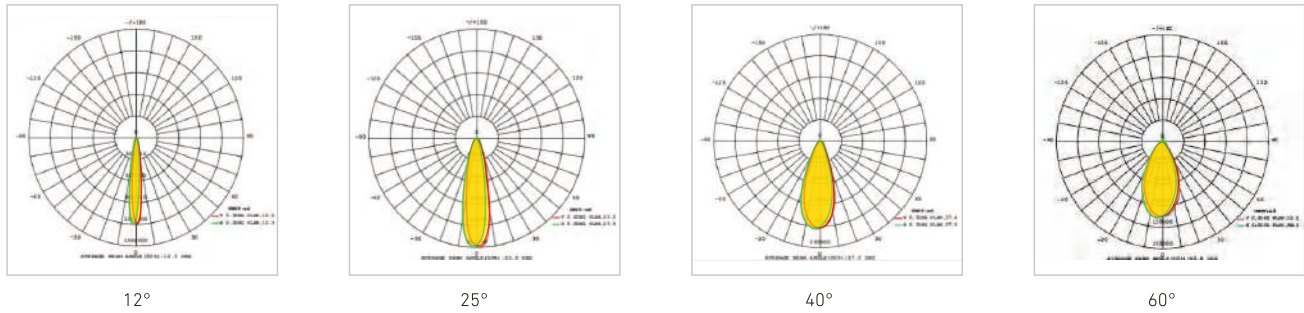
Driver Installation Options



Accessories



Photometrics



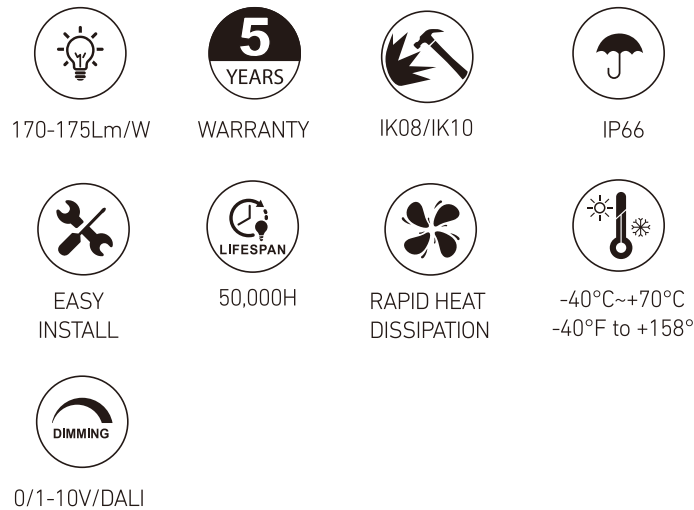
Parameters

Model No.	RL-HB5332	
Power Consumption(±5%)	300W (100%/80%/60% Tunable)	400W (100%/80%/60% Tunable)
Power Supply	Inventronics/Moso/Sosen/Lifud	
Input Voltage	AC90-305V/100-277V	
Power Factor	>0.95	
Surge Protection	6KV	
Driver Type	Constant Current (CC)	
DIM.OP	0-10V, 1-10V,DMX512,DALI	
LED Type	Osram /Lumileds	
Light Efficacy(5000K, Ra70)	175Lm/W	170Lm/W
Luminous Flux (±10%)	52,500Lm	68,000Lm
Correlated Color Temperature	3000K, 4000K, 5000K, 5700K, 6500K	
Color Rendering Index	70, 80, 90, TLCI90 optional	
SDCM	6	
Beam Angle	12° / 25° / 40° / 60°	
Product Dimension	L378*W378*H224mm (L14.88"*W14.88"*H8.82")	L378*W378*H224mm (L14.88"*W14.88"*H8.82")
Mounting Option	Hoisting/ Ceiling installation/ Wall mounting	
Structrue & Material & Finish	Die-casting Heat Sink/ ADC12 / Powder coated Steel Metal Bracket / SPCC / Powder coated	
Lens	PC Lens / PC Lens+Glass optiona	
Fixture Color	Black	
IK Rating	Ik08, IK10 optional	
IP Rating	IP66	
Operating Temperature	-40°C ~ +70°C (- 40°F - +158°F)	
Life Time of LED @Ta=25° C	50,000Hours	
Warranty	5 Years	

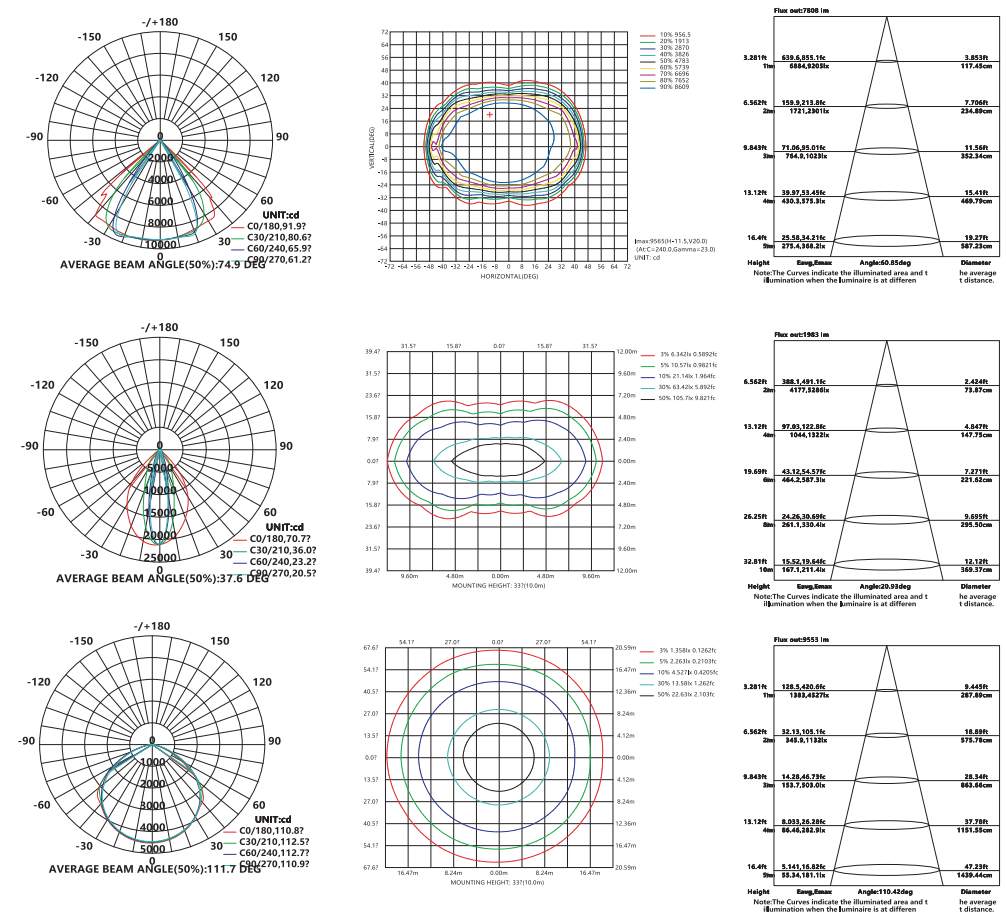


RL-LINHB5330 SERIES

HIGH-EFFICIENCY LED High Bay Light SOLUTION



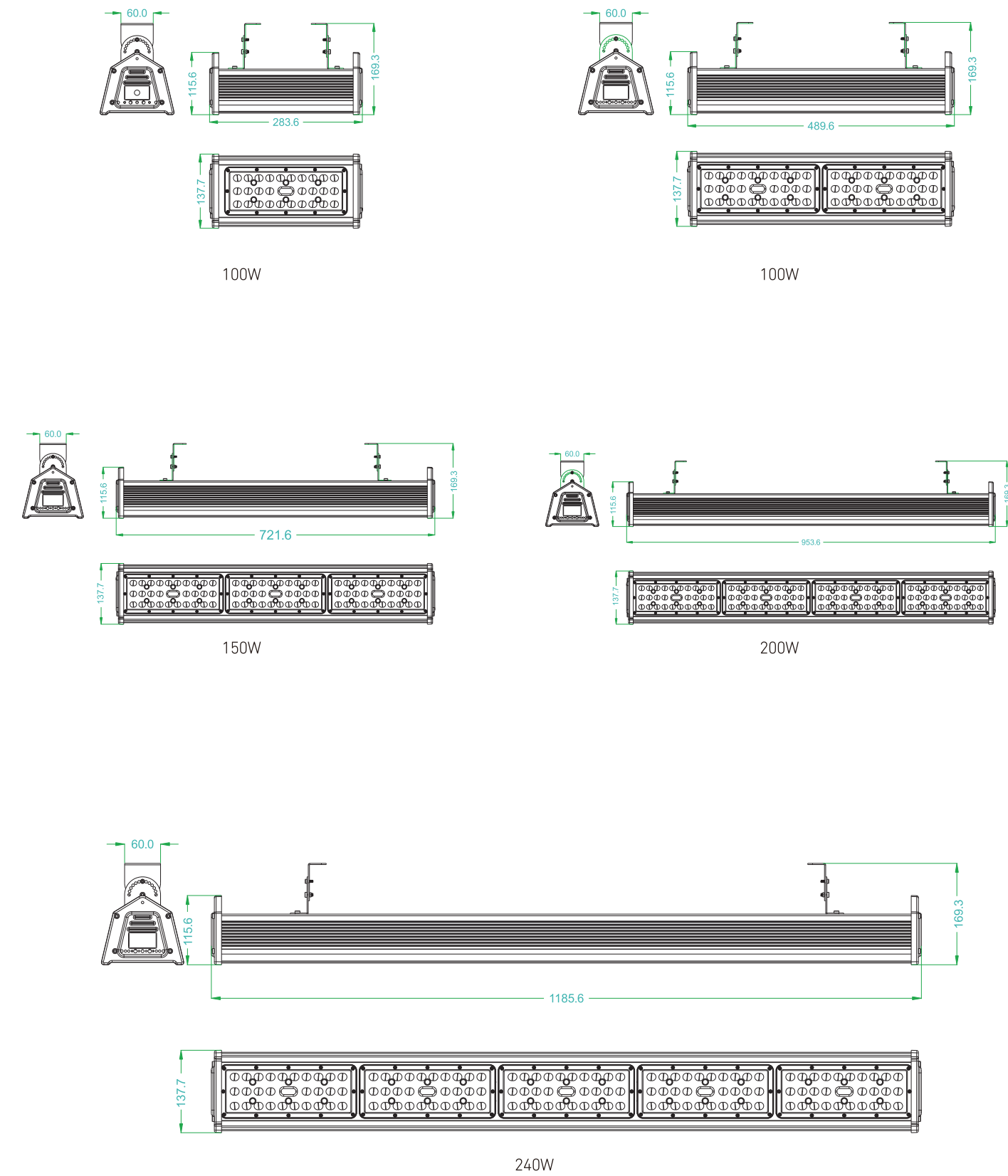
Photometrics



60*90
Asymmetrical Width
19,500 Lumens 5000K

30*70
Asymmetrical Width
19,500 Lumens 5000K

120
Asymmetrical Width
19,500 Lumens 5000K



Applications

High-Temperature LED Industrial & Mining Lights Built for harsh environments. Perfect for Industrial Plants、Steel & Chemical Facilities、Food Processing Plants Warehouses & Supermarkets、Stadiums & Exhibition Centers、Mining Operations Durable. Bright. Reliable

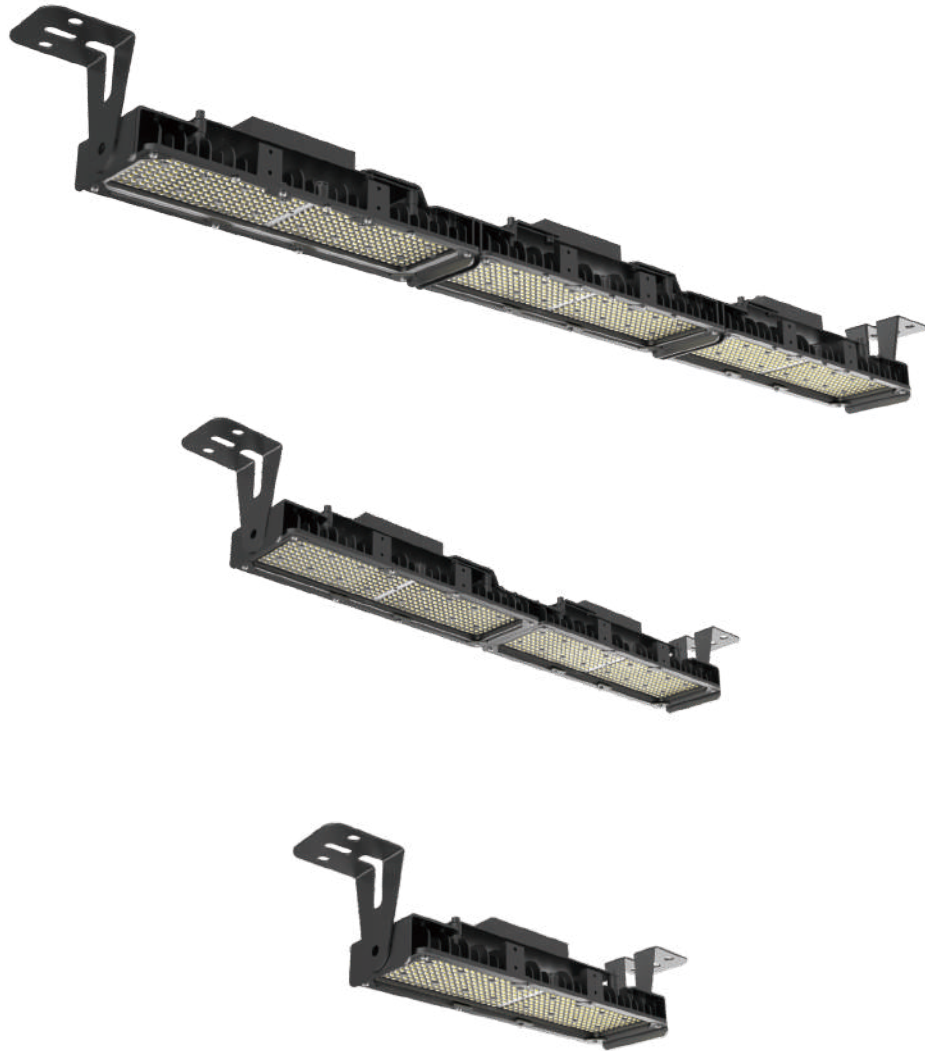


Parameters

Part No	RL-LINHB5330				
Power	50W	100W	150W	200W	240W
LED Type	PHILIPS				
DIM.OP	0-10V/1-10V/DALI				
LED QTY	56 PCS	112 PCS	168 PCS	224 PCS	280 PCS
Luminous flux	130LM/W(CCT=5000K) 5%				
Luminous Flux	6500LM(CCT=5000K) 5%	13000LM(CCT=5000K) 5%	19500LM(CCT=5000K) 5%	26000LM(CCT=5000K) 5%	31200LM(CCT=5000K) 5%
CCT	4000K 5000K 5700K 6500K				
Beam Angle	60°90, 30°70, 120				
CRI	>80Ra				
System Efficiency	>90				
PowerSupply	MeanWell/Sosen				
Input Voltage	AC100 277V				
Power Frequency	50/60Hz				
Output Voltage	DC42.3-52.8V				
Output Current	0.8-1.6A(Constant Corrent)	1-2A(Constant Corrent)	1.56-3.13A(Constant Corrent)	2.08-4.16A(Constant Corrent)	2.5-5A(Constant Corrent)
Power Efficiency	>90%				
Power Factor	>0.90				
Total Harmonic Distortion	<15%				
System Power consumption	50W±2W	100W±2W	150W±2W	200W±2W	240W±2W
LED Power consumption	48W±2W	96W±2W	148W±2W	196W±2W	236W±2W
Fixture Material	6063 Aluminum alloy				
Ingress Protection	IP65				
Life span	>50000Hrs(Ta=30°C @LM70)				
Junction Temperature	< 75°C (Ta=30°C)				
Storage Temperature	(-40~+60°C)				
Operating Temperature	(-30~+50°C)				
Operating Humidity	15-90%RH				
Outlook Dimensions	L283.6*W137.7*H115.6mm	L489.6*W137.7*H115.6mm	L721.6*W137.7*H115.6mm	L953.6*W137.7*H115.6mm	L1185.6*W137.7*H115.6mm
Warranty	5 Years				

RL-LINHB5331 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION



- 

160-165Lm/W
- 

WARRANTY
- 

IK08
- 

IP66
- 

0/1-10V/DALI
- 

EASY
INSTALL
- 

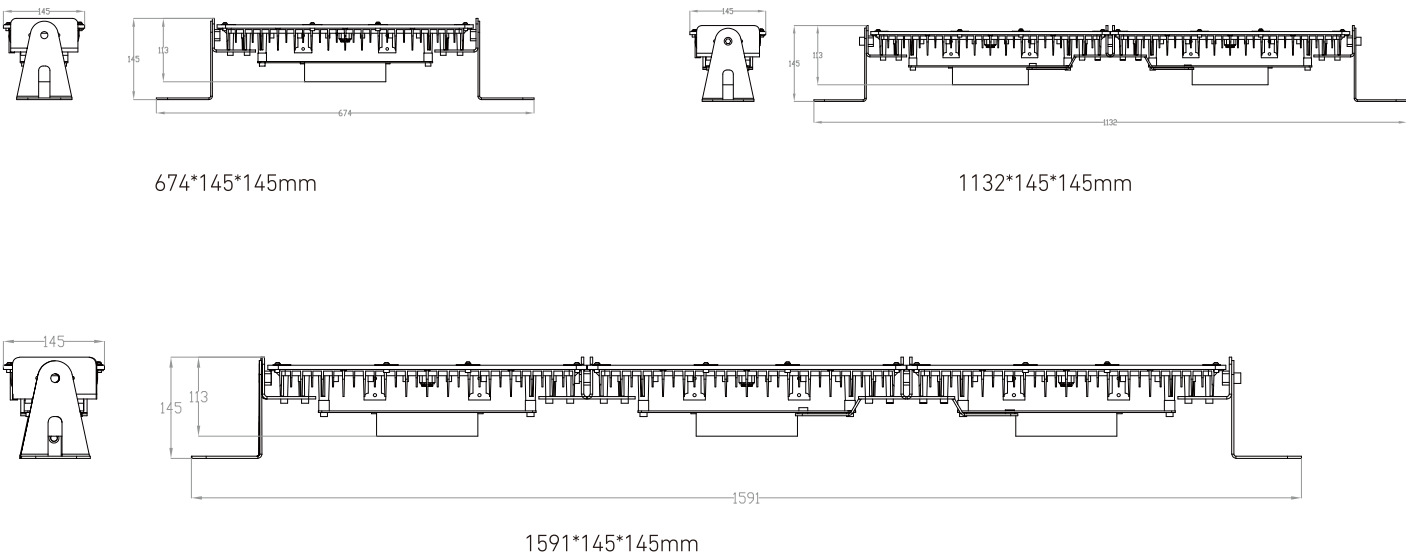
50,000H
- 

Efficient Heat
Dissipation
- 

-30°C~+50°C



Dimension[mm]



Mounting bracket

U-bracket is offers exceptional strength to withstand outdoor wind pressure, ensuring stability and reliability. Multiple installation modes are supported

Constant current drive power

Adopt high-efficiency constant current drive powersupply, low energy consumption, with over-current, over-voltage, lightning, high temperature protection, so that the life and performance of the product are more stable.

Efficient heat dissipation lamp body

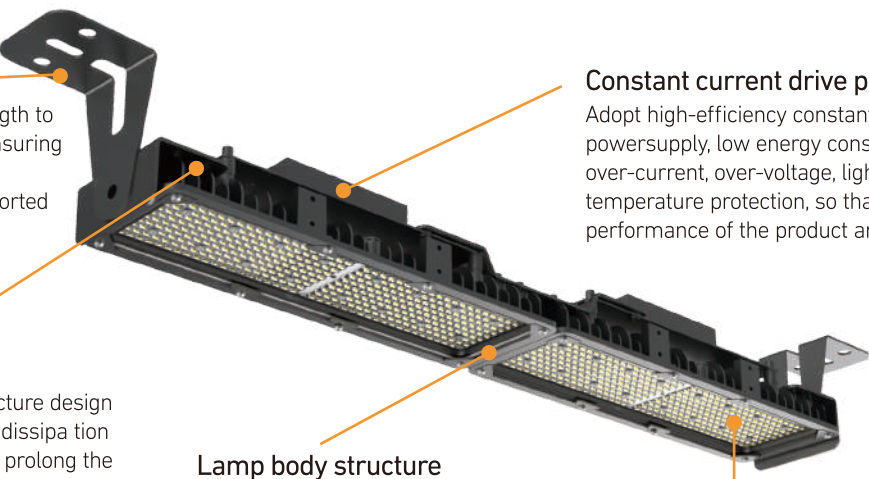
The convection heat dissipation structure design can effectively increase the heat dissipation performance, reduce the light decay, prolong the life of the light source, and effectively reduce the maintenance cost of later use.

Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability

Glass

FL08 floodlight features a glass protection, with anti-impact IK08 rating and high weather resistance. Ensuring long-lasting high brightness illumination.



Polarizer

Make the light spot more uniform and soft, eliminate glare and shadow, provide a comfortable visual environment, and help reduce eye fatigue



Accurate light distribution

Being able to accurately refract and reflect the light emitted by the lamp beads, achieving uniform illumination at specific angles and range, can avoid wastage of light and situations where the light is too bright or too dark locally

Improve luminous efficiency

Through optimized optical design, the light emitted by the lamp beads can be effectively collected and guided, reducing the loss of light during transmission and improving the overall luminous efficiency of the lamp. With the same lamp bead power, brighter lighting effects can be achieved, achieving the goal of energy conservation.

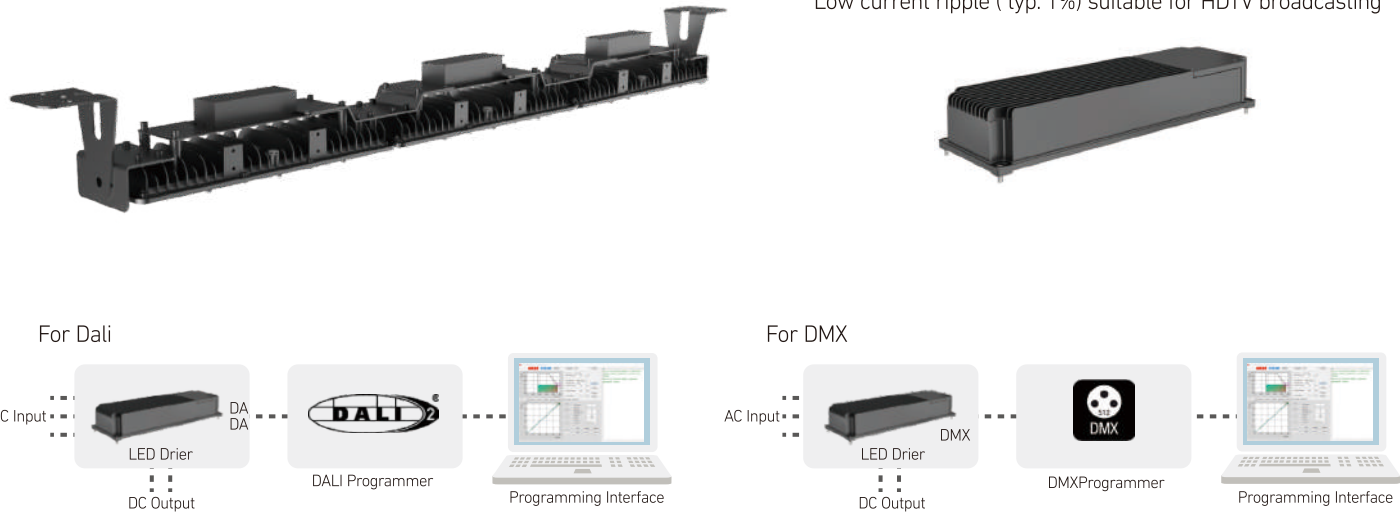
Applications

High-Temperature LED Industrial & Mining Lights Built for harsh environments. Perfect for Industrial Plants、Steel & Chemical Facilities、Food Processing Plants Warehouses & Supermarkets、Stadiums & Exhibition Centers、Mining Operations Durable. Bright. Reliable



IP66 Dual Waterproof
Reduce 10% Probability of Water Leakage

The driver cavity and LED cavity of FL08 are designed separately, allowing for independent waterproofing. This design reduces the leakage rate by 10% compared to integrated designs, resulting in improved stability and performance of the light.



Highlights & Features

- 3 independent programmable output channels
- High efficiency up to 97%
- Multiple protections : Short Circuit Protection (SCP) / Over Voltage Protection (OVP) / Over Temperature Protection (OTP)
- DMX & DALI-2 control interface
- Support flashing function with maximum of 6 flashes per second (33 / 40 fps for option)
- Low current ripple (typ. 1%) suitable for HDTV broadcasting

Parameters

Model No.	RL-LINHB5331				
Wattage	200W	320W	450W	500W	600W
LED Type	Lumileds/Sanan/Osram/Philips				
Efficiency	160-165LM/W				
Luminous flux	130LM/W(CCT=5000K) 5%				
Luminous Flux	32000LM-32400LM	51200LM-52800LM	72000LM-74250LM	80000LM-85000LM	96000LM-99000LM
CCT	3000K/4000K/5000K/5700K/6500K				
Beam Angle	25°/45°/60°/90°/80°*125°/80°*140°/120°*148°/45°*105°				
CRI	>70Ra(80Ra or 90Ra optional)				
PowerSupply	Inventronics/Sosen/Lifud/Moso/Meanwell/Philips				
Input Voltage	AC100-277V/AC220-240V				
DIM.OP	0-10V/1-10V/DALI				
Power Frequency	50/60Hz				
Power Factor	>0.90				
Total Harmonic Distortion	<15%				
SPD	10KV OR 20KV external SPD optional				
Heat Radiator	Die-cast aluminum				
Lens Material	PC+Glass				
IK Rating	IK08				
IP Rating	IP66				
Working Temperature	(-30~+50°C)				
Storing Temperature	(-40~+80°C)				
Lifetime(L70 Standard)	50,000 hours				
Warranty	5Years				
Fixture Dimension	674*145*145mm	1132*145*145mm	1132*145*145mm	1132*145*145mm	1591*145*145mm

RL-RCHB6328 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION



130Lm/W



WARRANTY



IK08



IP65



EASY
INSTALL



50,000H



Efficient Heat
Dissipation



-30°C~+50°C



DIMMING

0/1-10V/DALI



Professional lighting design

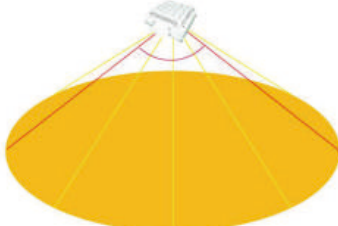
with a variety of angle lens options,it can be used in a variety different scenarios



60°*60°



90°*90°



70°*140°

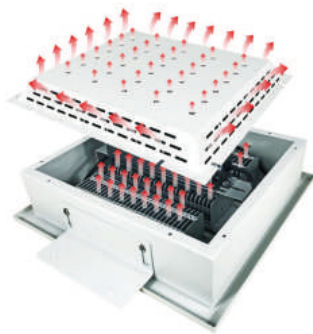
Applications

It is widely used in high-rise shed workshop,workshop,warehouse,logistics center,exhibition hall,gymnasium,shipyard,mine,highway toll station,gas station,supermarket,agricultural market and other places that need lighting



Hollow design for better air flow

3D hollow-out convection design can make heat transfer faster,effectively protect the light source life,lower light decay and longer life



Modular design

Lower maintenance cost, fast and simple installation and maintenance



Large area fin heat dissipation

With 1060 aluminium material,99.6% aluminum content,good thermal conductivity and corrosion resistance,each fin is designed with hollow holes and grooves, strengthening fins,increasing heat dissipation area,optimizing air duct and t herr-dimensional heat dissipation



Protection level IP65

Silica gel ring core sealing technology is used to achieve waterproof and dust-proof,which is suitable for outdoor harsh environment



Parameters

Wattage	50W	100W	150W	200W
Lamp Luminous Efficiency	130lm/w			
DIM.OP	0-10V/1-10V/DALI			
LED Driver	SOSEN/Mean Well			
Driver Type	Constant Current Isolated Driver			
Power Factor	≥0.95 @230VAC			
Beam angle	60°/90°/70°140°optional			
Material	Aluminum Heatsink+PC lens+Steel frame			
LED Light Source	SMD 3030 LUMILEDS			
Color Temperature(CCT)	3000K/4000K/5000K/5700K/6500K			
CRI	70/80			
Size(mm)	194*35*115	280*350*115	366*350*115	452*350*115
Input Voltage(V)	AC100~277V 50/60Hz			
IP Rating	IP65			
Support Dimmer	YES			
Working Temperature	-25-45°			
Lifespan (Hours)	50000 HOURS			
Warranty(Year)	5-Year			

RL-RCHB6329 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION



130Lm/W



WARRANTY



IK10



IP67



EASY
INSTALL



50,000H



Efficient Heat
Dissipation



-30°C~+50°C



DIMMING

0/1-10V/DALI



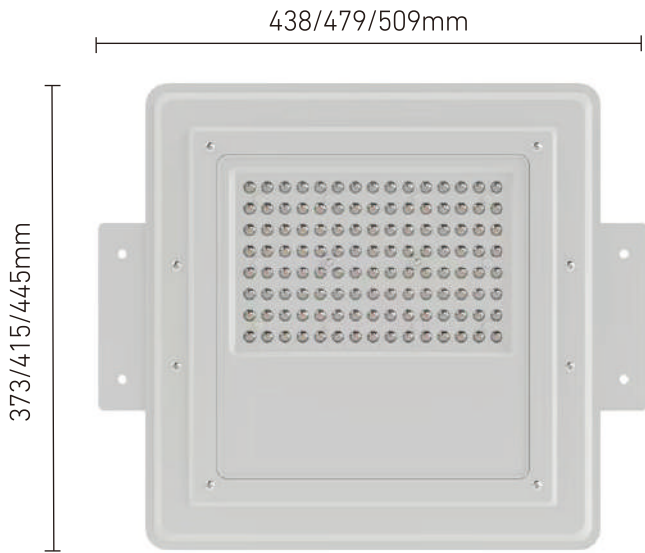
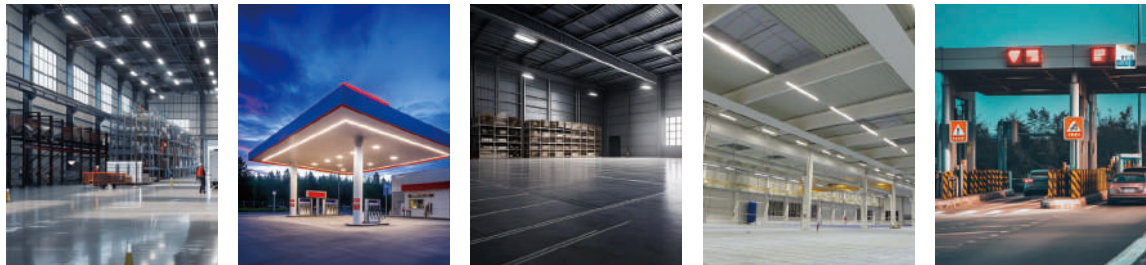
Ultra thin lamp body design

Lower maintenance cost, fast and simple installation and maintenance



Applications

Gas-station , toll station, production workshop, warehouse, industrial park lighting.

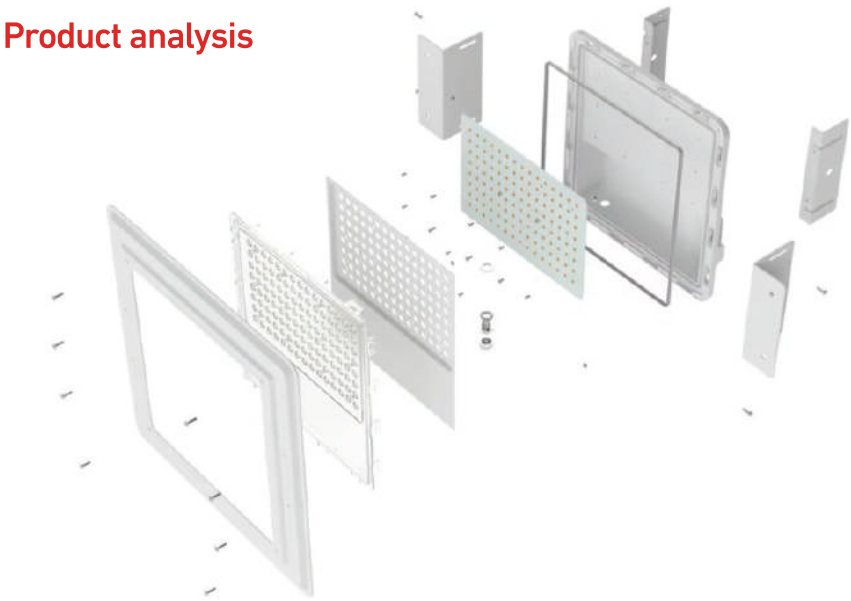


Protection level IP65

Silica gel ring core sealing technology is used to achieve waterproof and dust-proof,which is suitable for outdoor harsh environment



Product analysis

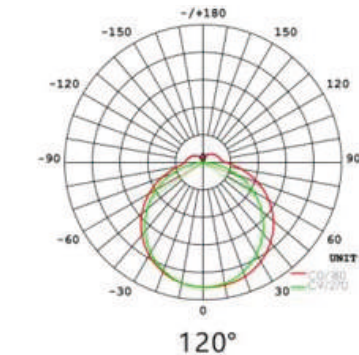
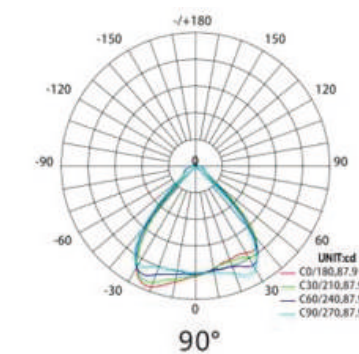
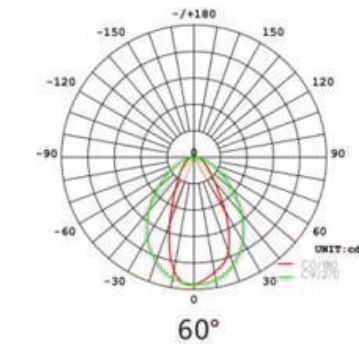


Annular lens

Imported LED lamp beads, higher brightness, longer life



Light distribution curve



Parameters

Wattage	40W/50W/100W	120W/150W	200W
Hole cut	363*353mm	405*395mm	435*425mm
Luminous Flux	120lm/w±5%		
DIM.OP	0-10V/1-10V/DALI		
LED Source	Lumileds 3030		
Input Voltage	AC100~277V		
Frequency Range	50~60Hz		
Total Harmonic Distortion	<20% (Typical : 10%)		
Color Temperature	1800K 3000K 4000K 5000K 5700K 6500K		
Color Rendering Index	CRI>70/80		
IP&IK Rating	IP67 IK10		
Beam Angle	60°/90°/120°		
Optical Transmittance	>97%		
Housing Color	White		
Working Environment	-30°C~+50°C, 10%~90% RH		
Body & Shade Material	Aluminum housing & Annular lens		
Working Life	50000 HOURS		
Warranty(Year)	5-Year		

RL-SMHB6329 SERIES

HIGH-EFFICIENCY
LED High Bay Light
SOLUTION



130lm/W



WARRANTY



IK10



IP65



EASY
INSTALL



60,000H



Efficient Heat
Dissipation



-30°C~+50°C



DIMMING

0/1-10V/DALI



Applications

Gas-station , toll station, production workshop,
warehouse, industrial park lighting.



Protection level IP65

Silica gel ring core sealing technology is used to achieve waterproof and dust-proof,which is suitable for outdoor harsh environment



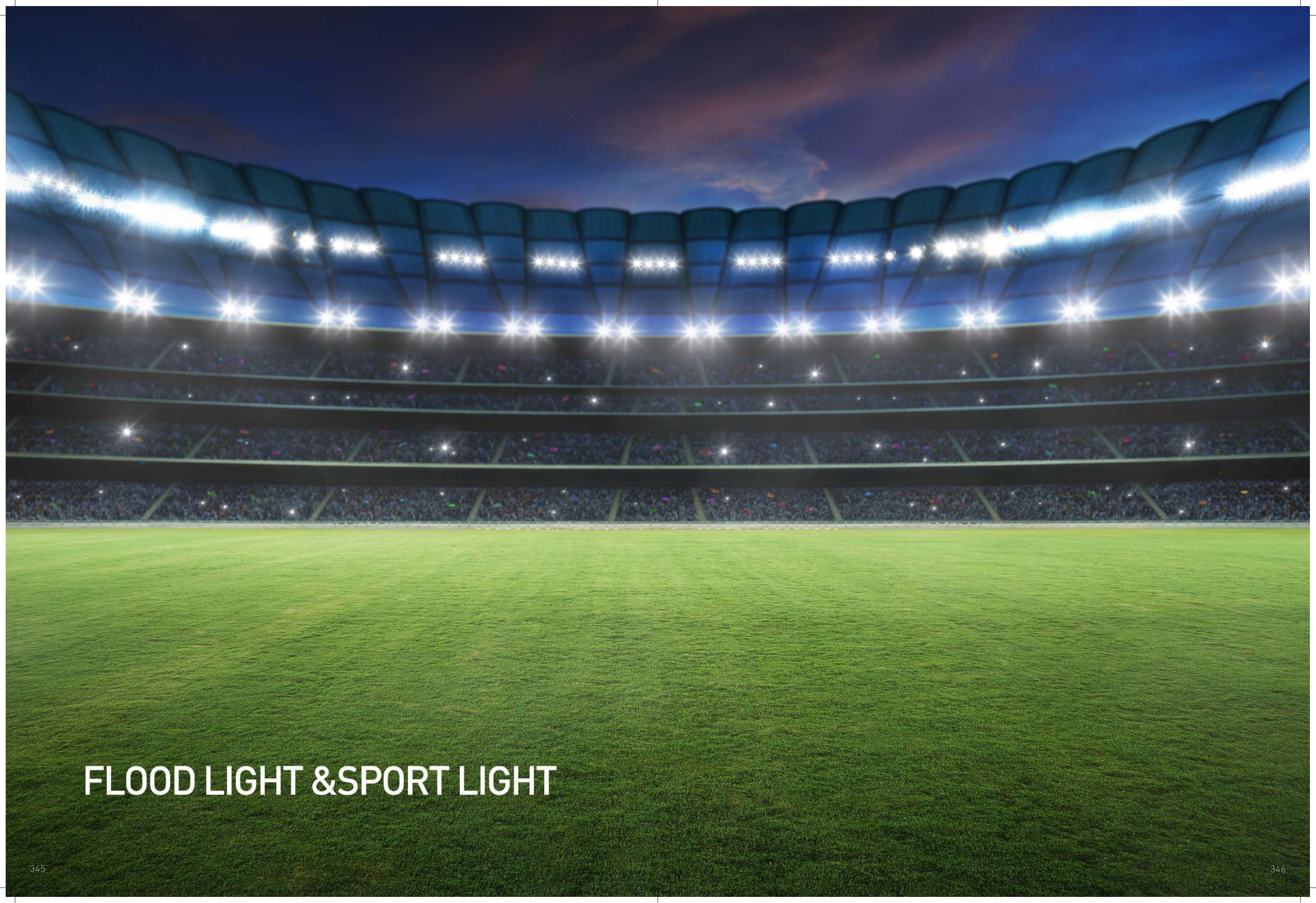
SMD LED Chips

Imported LED lamp beads, higher
brightness, longer life



Parameters

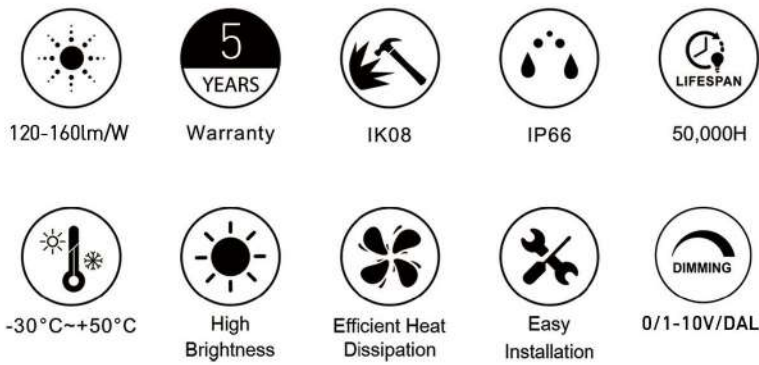
Wattage	100W		150W		200W	240W
Luminous Flux	130lm/w					
DIM.OP	0-10V/1-10V/DALI					
LED Source	SMD LED Chips					
Input Voltage	AC100~277V					
Frequency Range	50~60Hz					
Lumens	13000lm	19500lm	26000lm	31200lm		
Color Temperature	3000K/4000K/5000K/5700K					
Color Rendering Index	CRI>70					
IP	IP65					
Size	420*420*67mm	540*540*67mm				
PF	0.98					
Housing Color	White					
Operation Temperature	-30℃~+50℃					
Body & Shade Material	Aluminum housing					
Working Life	50000 HOURS					
Warranty(Year)	5-Years					



FLOOD LIGHT &SPORT LIGHT

RL-FL5280-SERIES

LED Flood Light



Parameters

Model No.	RL5280-50W	RL5280-100W	RL5280-200W	RL5280-300W	RL5280-400W	RL5280-600W
Power	50W	100W	200W	300W	400W	600W
Voltage	AC100V-240V					
Efficiency	120/140/160l/w					
CCT	3000-6000K					
CRI(Ra)	Ra>70					
DIM.OP	0-10V/1-10V/DALI					
LED Qty	64PCS	144PCS	240PCS	320PCS	480PCS	672W
Dimension	210*190*41mm	280*240*45mm	360*325*50mm	390*425*52mm	445*445*55mm	560*485*60mm
Beam Angle	15°/30°/60°/90°/120°/T2M/T3M					
IP Rank	IP 66					
Material	ALUMINUM					
Operating Temperature	-40~50°C					
Lifetime	50000 hours					
Warranty	5 years					

Applications

The main use of landscape lighting, Billboard,Path, Bridge,Riverbank.



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments
It can also be used normally in extremely cold or high temperature environment

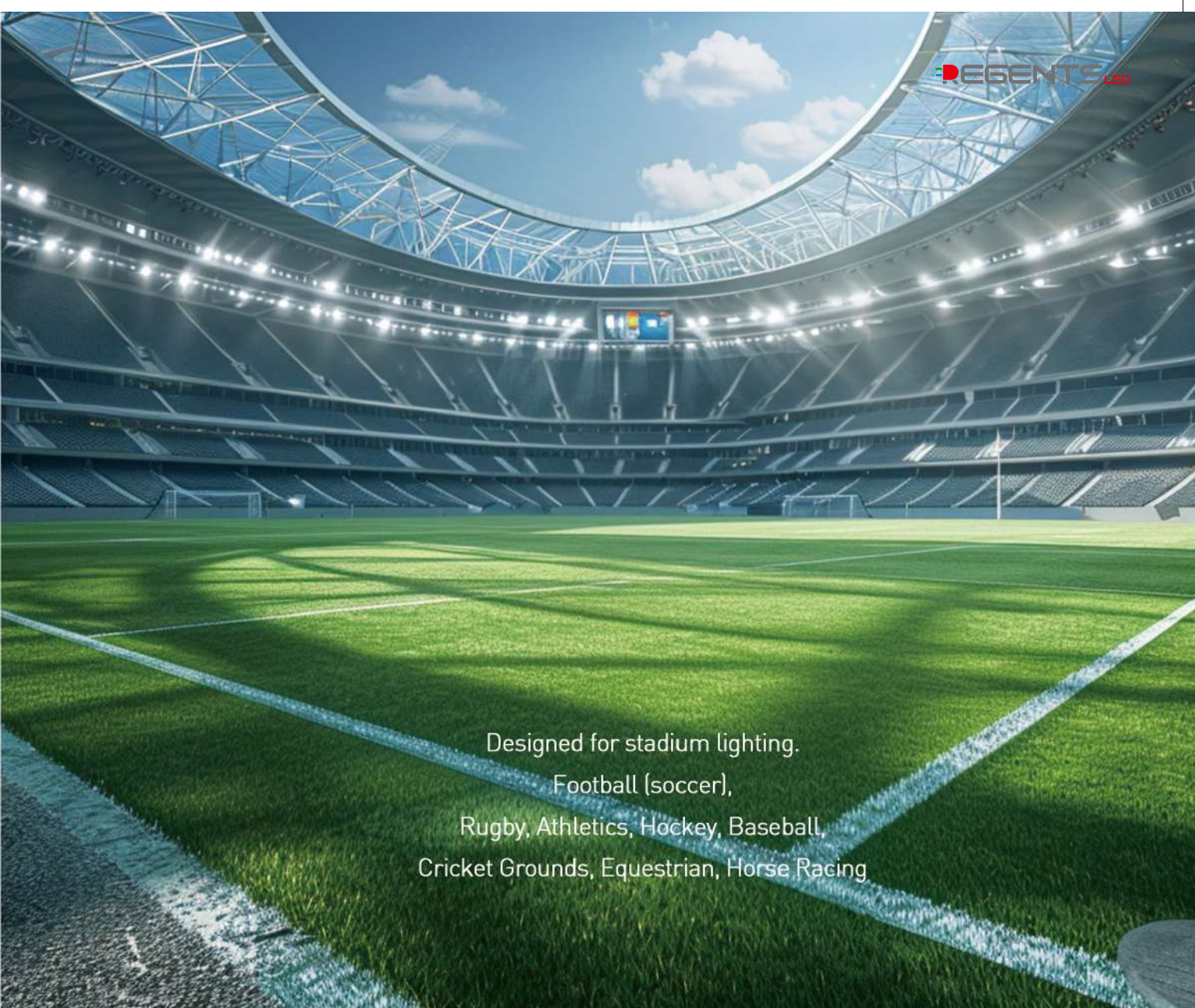
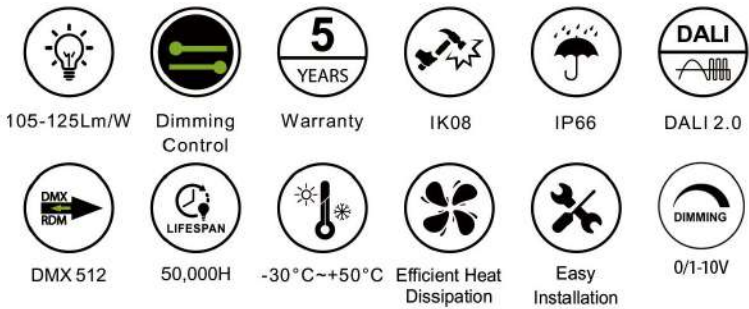




RL-SPFL5281-SERIES

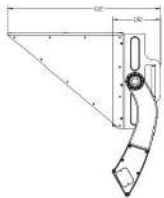
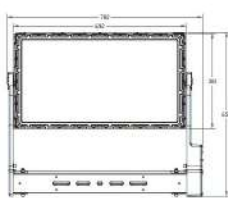
LED Sports Light HIGH-EFFICIENCY LED FLOOD LIGHTING SOLUTION

Power range from 1200W to 1500W
Widely used in Sports & recreational fields.
Docks,airports,Billboard,and outdoor
security lighting.esigned for outdoor & industrial applications



Designed for stadium lighting.
Football (soccer),
Rugby, Athletics, Hockey, Baseball,
Cricket Grounds, Equestrian, Horse Racing

Dimension(MM)



RL-SPFL5281-1200W/1500W

Driver Installation and Application Flexibility

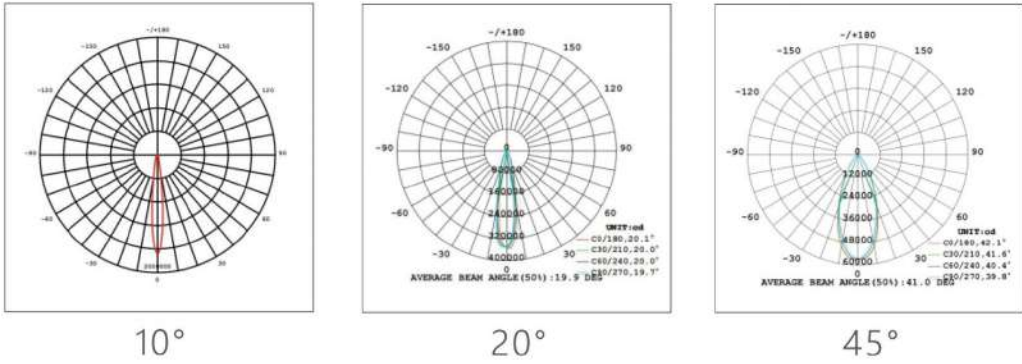
With the driver and heat sink independently designed and freely combined, offering high flexibility in installation. Users can install the driver mounted on the pole, or within an Power supply cabinet to adapt to diverse environmental requirements.

Driver installation flexibility



Photometric diagrams

Beam angles:10°/20°/45°(optional)



Applications

Outdoor/Indoor/Industrial

- Sports & recreational fields
- Ports and docks
- Large-scale outdoor events
- Parking lots and garages
- Security and outdoor surveillance
- Crane lighting
- Industrial and construction sites



Parameters

Model No.	RL-SPFL5281-1200W	RL-SPFL5281-1500W
Wattage Tunable	1200W	1500W
Efficiency	125LM/W	115LM/W
Luminous Flux	150000LM	172500LM
LED Type	Lumileds 5050	
CCT	3000K/4000K/5000K/5700K/6500K	
CRI	>70Ra(80Ra or 90Ra optional)	
Beam Angle	20°/45°	
Power Supply	Inventronics/MOSO	
Input Voltage	AC195-457V/198-440V	
Power Frequency	50/60Hz	
Power Factor	0.95	
Total Harmonic Distortion	<15%	
SPD	10KV OR 20KV external SPD optional	
Heat Radiator	Aluminum 1060	
Lens Material	PC+Glass	
IK Rating	IK08	
IP Rating	IP66	
Working Temperature	- 30°C ~ +50°C	
Storing Temperature	- 40°C ~ +80°C	
Lifetime(L70 Standard)	50,000 hours	
Warranty	5 Years	
DIM.OP	0-10V/1-10V/DMX512/DALI	



RL-SPFL5288/5289-SERIES

LED Flood Light
HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION

- 

125-180LM/W
- 

Warranty
- 

IP66
- 

IK10
- 

0/1-10V/DALI
- 

Efficient Heat
Dissipation
- 

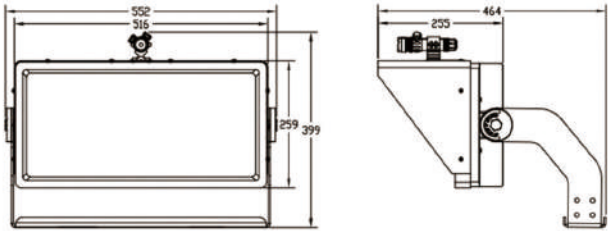
Easy
Installation
- 

50,000H
- 

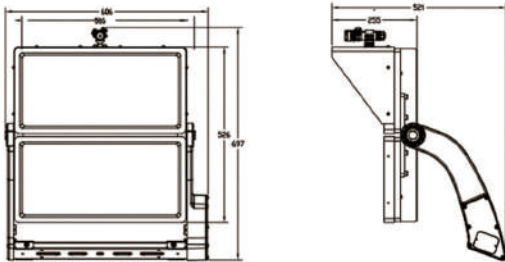
-30°C~+50°C



Dimension(MM)



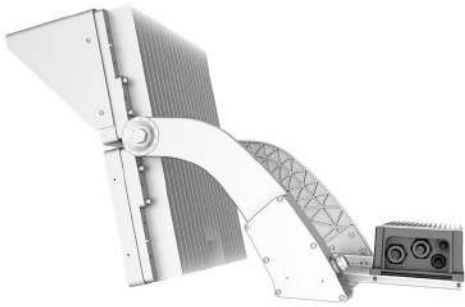
RL-SPFL5288-500W/600W/800W/1000W



RL-SPFL5289-1000W/1200W/1600W/2000W

Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability.



Outdoor Protection:

IP66 and IK10 rating ensure reliable operation in demanding outdoor environments



IP66 sealing against dust and sand



Stable performance under high temperatures

Surge Protection:

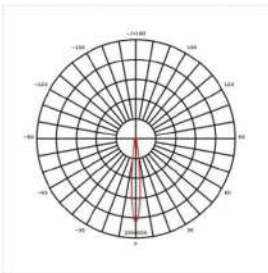
High-efficiency constant current drive, low energy consumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



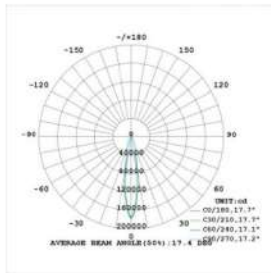
High surge protecting for unstable grids

Designed For Both Professional And Recreational Applications

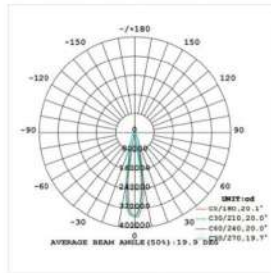
ZC Lighting specializes in photometrically optimized beam angles for diverse applications. Precision-engineered lenses enable intelligent zone illumination in sports and leisure facilities, combining compact design, flexibility, and efficiency. Advanced spillage control ensures low glare.



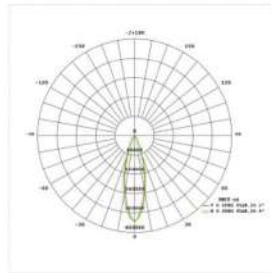
10°



15°



20°



30°



10°



15°



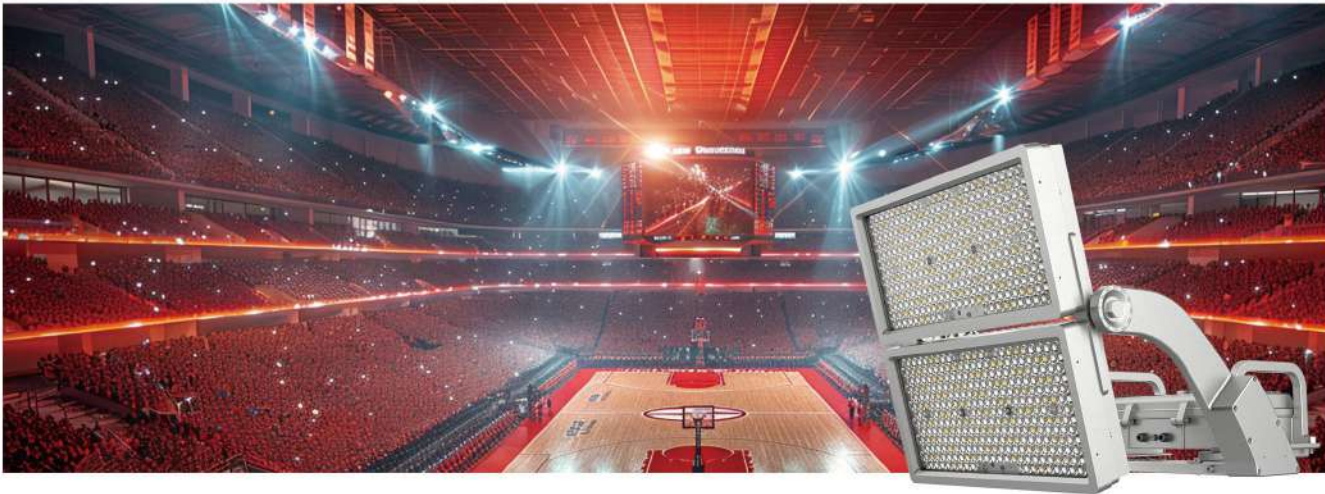
20°



30°

Applications

Widely used in Horts, industrial areas, ports, Docks, airports, court and road.



Parameters

Model No.	RL-SPFL5288-500W/600W/800W/1000W	RL-SPFL5289-1000W/1200W/1600W/2000W	
Wattage	500W/600W/800W/1000W	1000W/1200W/1600W/2000W	
Efficiency	125LM/W-180LM/W	125LM/W-180LM/W	
Luminous Flux	77500LM-125000LM	155000LM-250000LM	
LED Type	Lumileds5050(20°/30°)	Samsung3535(15°)	OSRAM3737(10°)
CCT	3000K/4000K/5000K/5700K/6500K		
CRI	>70Ra(80Ra optional)		
Beam Angle	10°/15°/20°/30°		
Power Supply	Meanwell/Inventronics/Sosen/LiFud		
Input Voltage	AC100-277V		
Power Frequency	50/60Hz		
Power Factor	0.95		
Total Harmonic Distortion	<15%		
SPD	10KV or 20KV external SPD optional		
Heat Radiator	AL6063		
Lens Material	PC or PC+Glass(optional)		
IK Rating	IK10(only PC Lens)/IK08(with Glass Lens)		
IP Rating	IP66		
Working Temperature	-30°C~+50°C		
Storing Temperature	-40°C~+80°C		
Lifetime(L70 Standard)	50,000 hours		
Warranty	5 Years		
DIM.OP	0-10V/1-10V/DALI		

RL-FL5329-SERIES

LED Flood Light
HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION



120-140lm/W

Warranty

IK08

IP65

50,000H

-30°C~+50°C

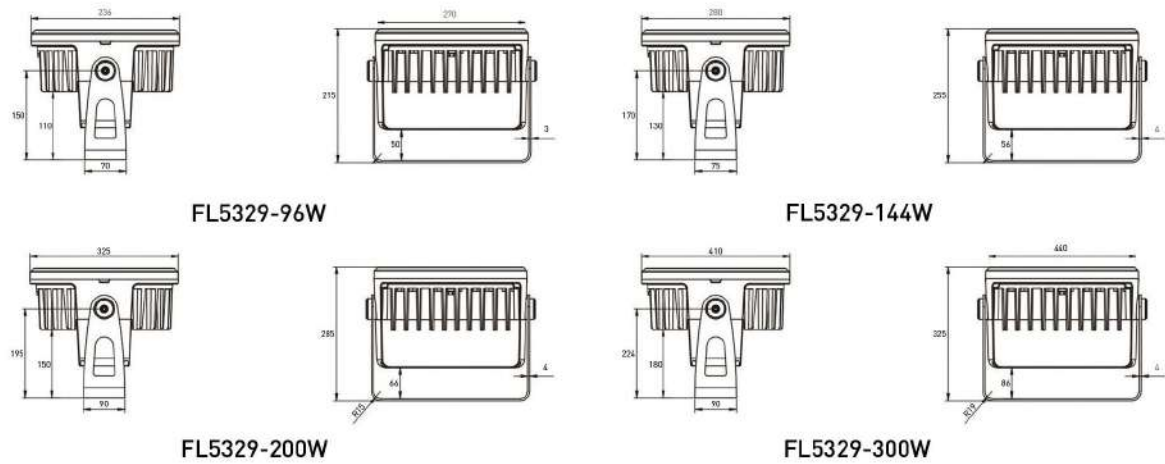
High Brightness

Efficient Heat Dissipation

Easy Installation

0/1-10V/DALI

Dimension(MM)



Parameters

Model No.	RL-FL5329-96W	RL-FL5329-144W	RL-FL5329-200W	RL-FL5329-300W
Power	96W	144W	200W	300W
Lumen	9600lm	14400lm	20000lm	30000lm
CCT	2700K	3000K	4000K	6000K
LED Qty	64PCS	144PCS	108PCS	320PCS
Dimension	236*215mm	280*255mm	325*385mm	410*325mm
LED Chip	CREE SMD			
Driver	Mean well			
CRI(Ra)	Ra80			
Material	Die-cast aluminium+Glass			
IP Rank	IP65			
Fixture Color	Sandy grey			
Warranty	5 years			
DIM.OP	0-10V/1-10V/DALI			

Applications

The main use of landscape lighting, courtyard,garden,wall.



Outdoor Protection

IP65 and IK08 ratings ensure reliable operation in demanding outdoor environments
It can also be used normally in extremely cold or high temperature environment



RL-FL5333-SERIES

LED Flood Light

HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION



160-165Lm/W



Warranty



IK08



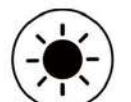
IP66



50,000H



-30 °C~+50 °C



High Brightness



Efficient Heat Dissipation



Easy Installation

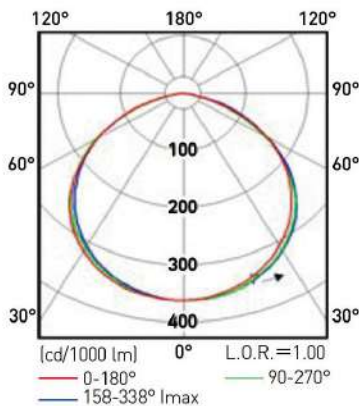


0/1-10V/DALI

RL-FL5333 series is AC LED flood light for a CCT tunable application. It is featured with die-casting Al heat sink as well as tempered glass as optic. Non-isolated driver with optional motion sensor . The fixture is the best platform to achieve optimal balance between performance and cost.

Light Distribution Curve

Polar intensity diagram



Outdoor Protection:

IP66 and IK07 rating ensure reliable operation in demanding outdoor environments.

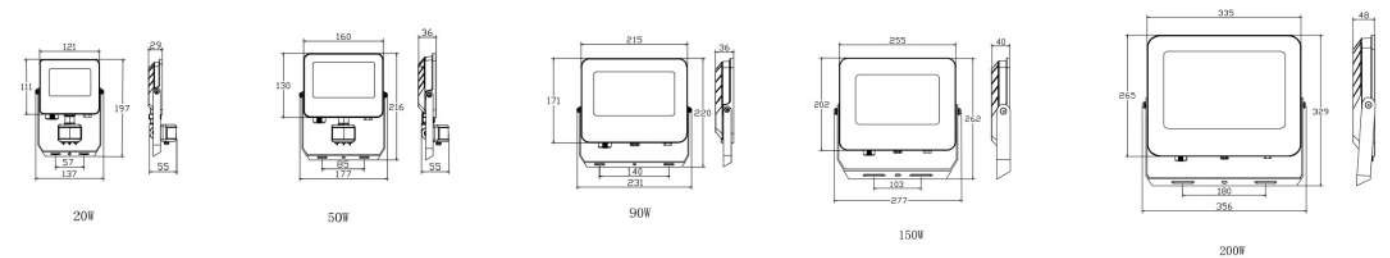


Surge Protection:

High-efficiency constant current drive, low energyconsumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



Dimension(MM)



Parameters

Model No.	RL-FL5333				
Power	20W	50W	90W	150W	200W
Luminous Flux	2800lm	7000lm	12600lm	21000lm	28000lm
Efficacy	140lm/W				
CCT	3000K, 4000K, 5700K				
CRI(Ra)	≥70Ra				
SDCM	≤6				
Beam angle	110°				
Electrical and Mechanical Specifications					
Input voltage	AC120-277V 50-60Hz				
Power Factor	0.95				
Surge Protection	20/50/90W 2/4KV; 150/200W: 4/6KV				
Dimmable	2 Step wattage, 3CCT tunable				
Mechanical parameters and key materials					
Housing	High-pressure die-cast aluminum				
Cover Lens	Tempered glass				
LED Brand/Model	2835				
LED Driver	Non-isolated driver				
DIM.OP	0-10V/1-10V/DALI				
Mounting	By bracket				
Operating Temperature	- 20 ~ + 45°C				
Storage Humidity	10% ~ 85%				
Protection	IP65,IK07				
Lumen Maintenance	50, 000 hours at L70				
Warranty	5 Years				

*Efficiency rated at CCT 4000K for luminaires.

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual

RL-FL5334-SERIES

LED FLOOD LIGHT

HIGH-EFFICIENCY LED FLOOD LIGHTING SOLUTION



DIMMING

0/1-10V/DALI



5 YEARS

Warranty



IP66



LIFESPAN

50,000H



-20°C~ + 70°C



10/20KV



IK08



Easy installation



160LM/W



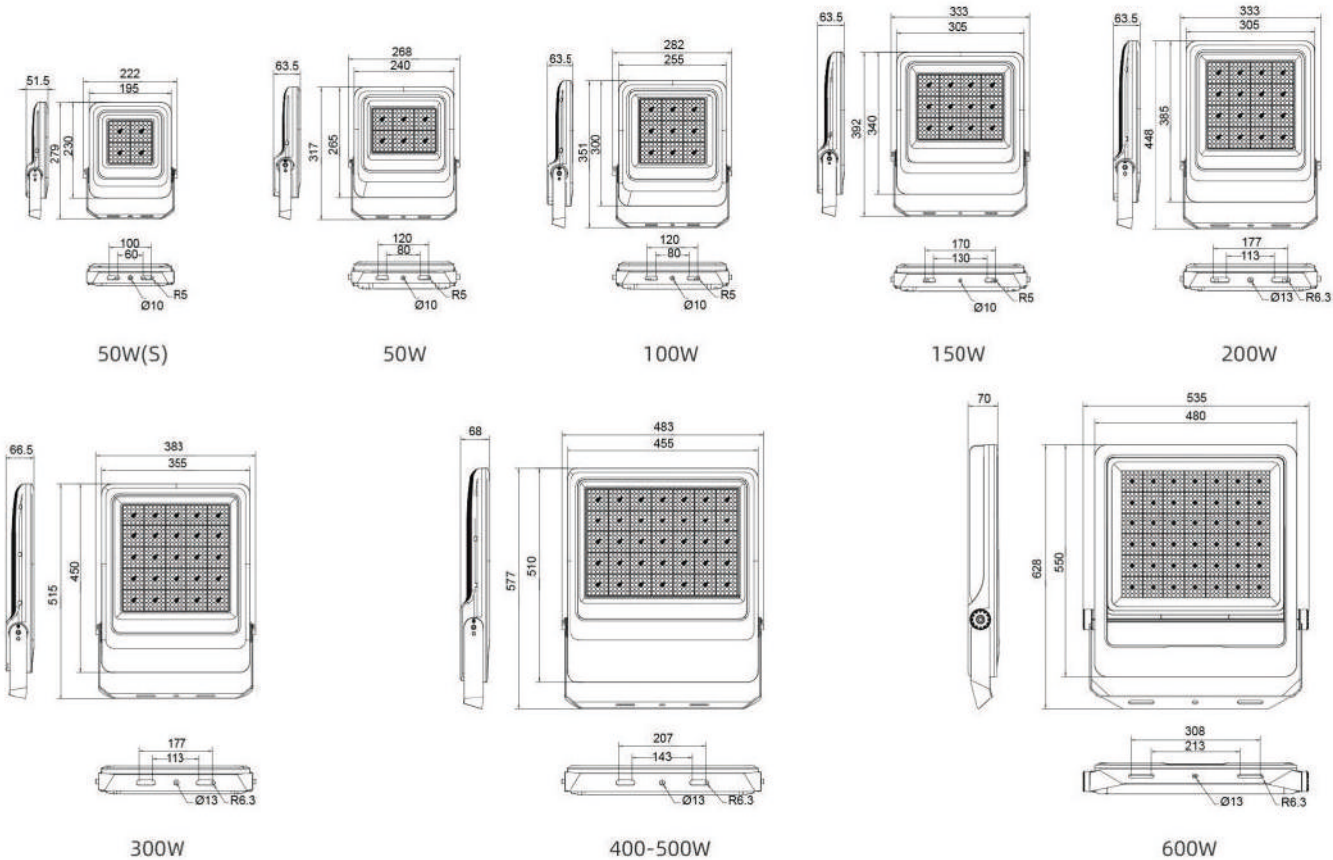
High brightness



Efficient heat dissipation



Dimensions(mm)



Aluminum Die-Cast Housing

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



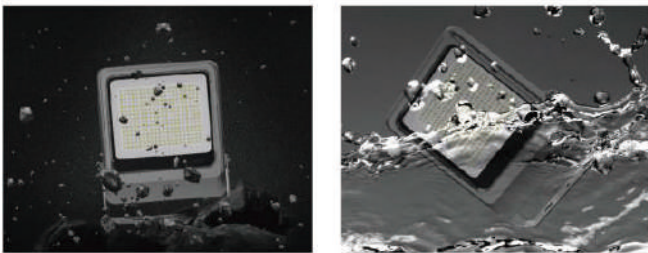
Multi-angle adjustable design

Adjustable angle design,the lamp body and bracket can be adjusted at a large angle, and the lighting angle can be flexibly adjusted to adapt to different lighting environments



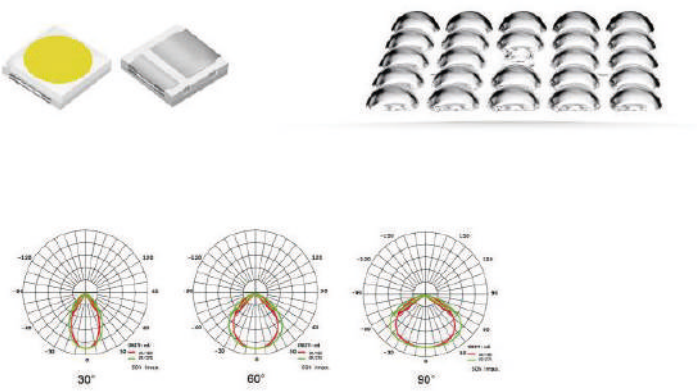
Protection class

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



High-efficiency lens

The high brightness LED chip is adopted,and light output, luminous efficiency and service life all reach the international standard.The uniform distribution of lights is realized by combining the lens



Parameters

Model No.	RL-FL5334SERIES							
Power	50W(S)	50W	100W	150W	200W	300W	400-500W	600W
Lens QTY	4PCS	6PCS	9PCS	12PCS	16PCS	25PCS	35PCS	42PCS
Lumen	160LM/W							
Nominal voltage	AC100-277V, 50/60Hz							
DIM.OP	0-10V/1-10V/DALI							
CCT	3000K, 4000K, 5000K, 6000k							
CRI (Ra)	CRI70(CRI80 Optional)							
Driver	Select as needed							
Beam angle	30°/60°/90°							
Housing	Aluminum die-cast							
Surge Protection	10KV/20KV							
Working Environment	-20°C~45°C.20%~90% RH							
Storage Temperature	-20°C~70°C.10%~90% RH							
IP Rate	IP66, IK08							
Installation height	10m-30m							
LED Chip LED	SMD2835/SMD3030/SMD5050							
Lumen maintenance	50,000 hours							
Warranty	5 Years							

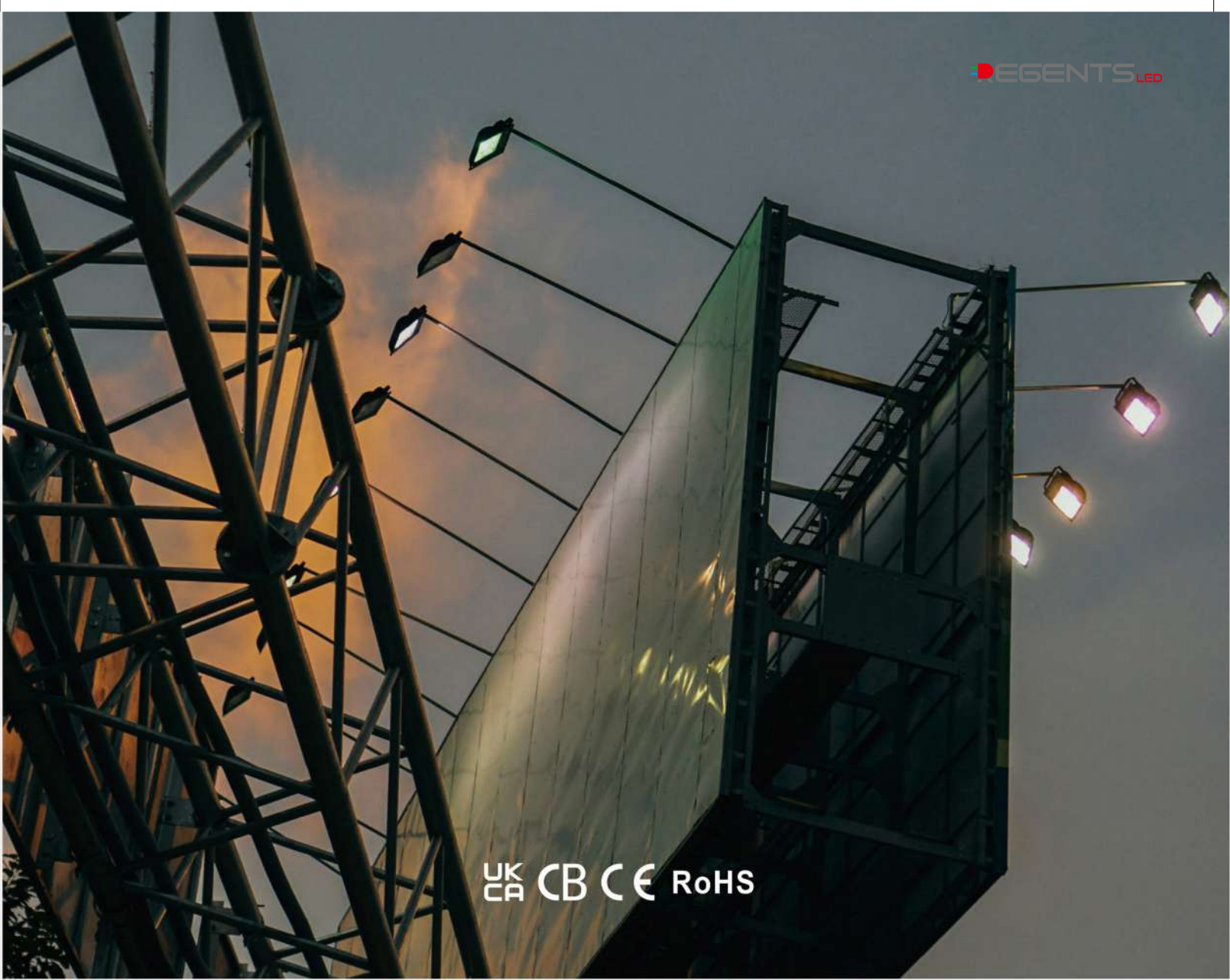


RL-FL5335
LED Flood Light

**HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION**

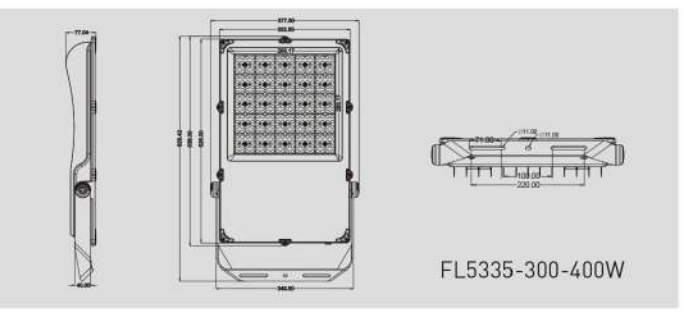
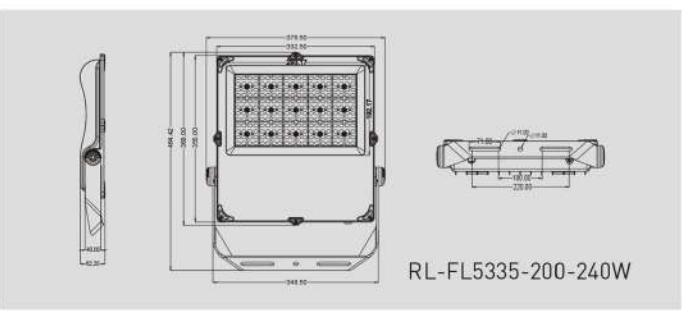
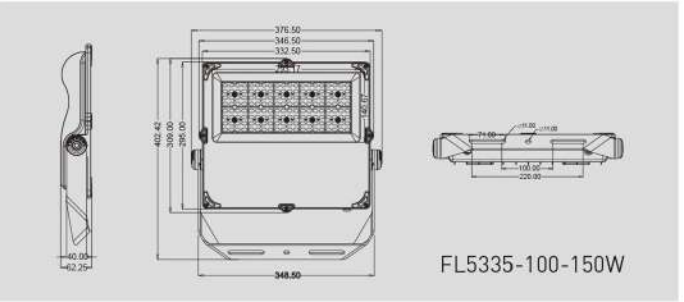
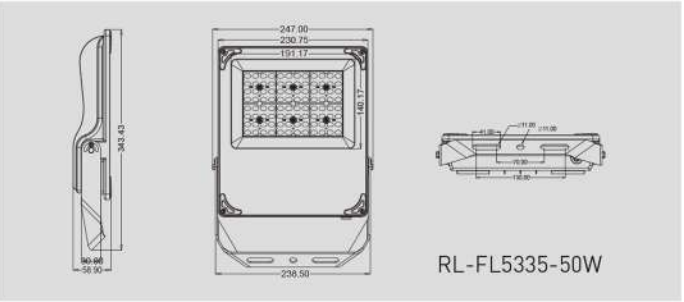
Power range from 50W to 400W
Widely used in Horts, industrial
areas, ports, Docks, airports, Billboard, and outdoor
security lighting.
Designed for outdoor & industrial applications

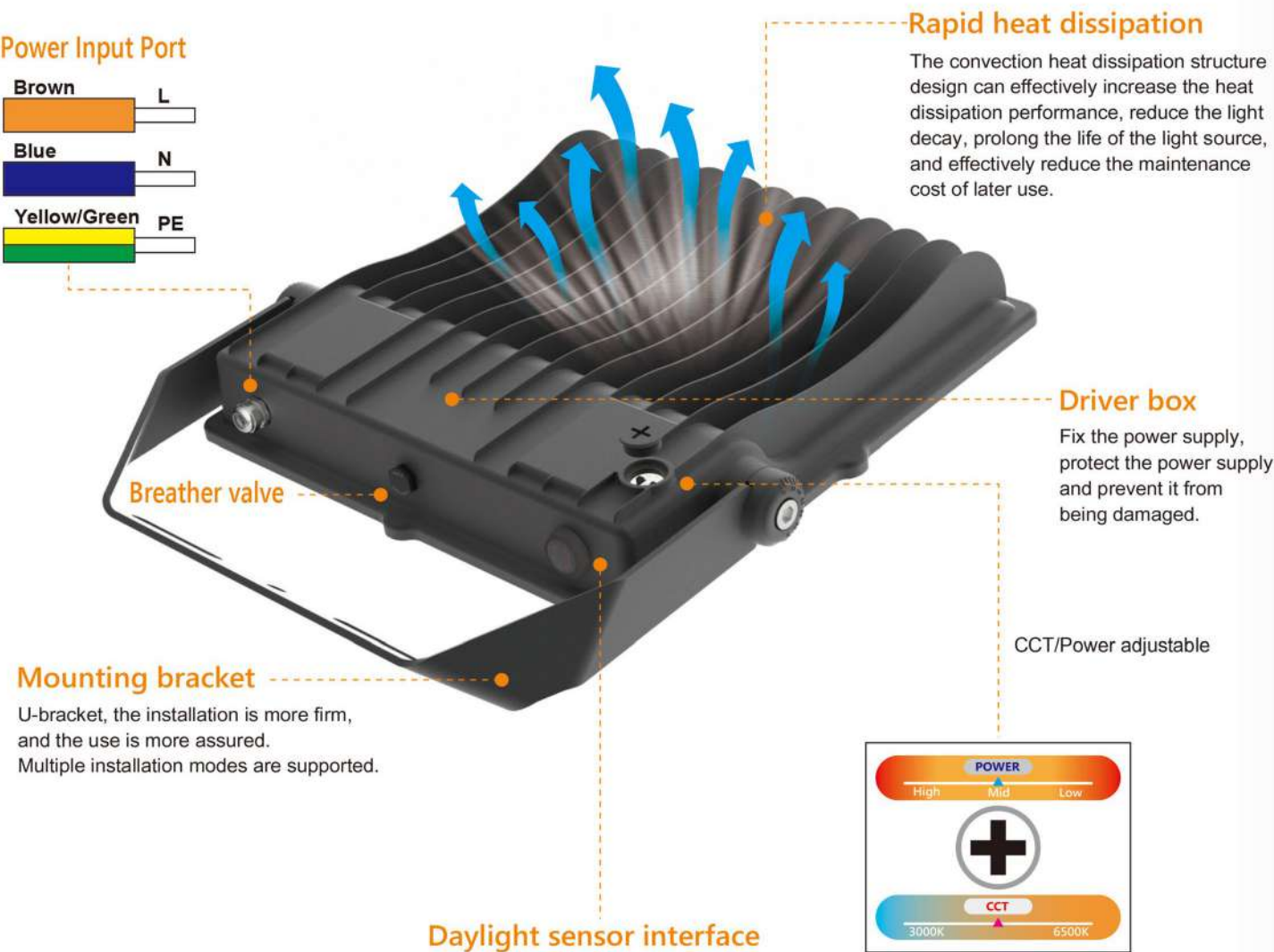
- Sealing design
- 140Lm/W
- 5 YEARS
Warranty
- IP66
- IK08
- 6KV/10KV
- LIFESPAN
50,000H
- 30°C~+45°C
- Easy
Installation
- Efficient heat
dissipation
- 30°/60°/90°
120°/T2/T3
- CCT
switchable
- POWER
switchable
- DIMMING
0/1-10V/DALI



UK CB CE RoHS

Dimension(MM)





Parameters

Model No.	RL-FL5335-50W	RL-FL5335-100W	RL-FL5335-150W	RL-FL5335-200W	RL-FL5335-240W	RL-FL5335-300W	RL-FL5335-400W
Wattage Tunable	50W	100W	150W	200W	240W	300W	400W
Efficiency	140Lm/W	140Lm/W		140Lm/W		140Lm/W	
Luminous Flux	7000LM	14000LM	21000LM	28000LM	33600LM	42000LM	56000LM
LED Type	Lumileds/Samsung/Sanan						
CCT	3000K/4000K/5000K/5700K/6500K						
CRI	→70Ra[80Ra optional]						
Beam Angle	15°/30°/60°/90°/120°/Type II / Type III						
Power Supply	Meanwell/Sosen/Philips/Lifud						
Input Voltage	AC100-277V/AC220-240V						
Power Frequency	50/60Hz						
Power Factor	0.95						
DIM.OP	0-10V/1-10V/DALI						
SPD	6KV/10KV						
Heat Radiator	Die-cast aluminum						
Lens Material	PC+Glass						
Dimmable	Optional dimming						
Color temperatue	Tunable CCT						
IK Rating	IK08						
IP Rating	IP66						
Working Temperatur	- 30°C~+45°C						
Storing Temperatur	- 40°C~+70°C						
Lifetime[L70 Standard]	50,000 hours						
Warranty	5 Years						

Top-Tier Chips:

Equipped with high-brightness Lumileds/Samsung LED chips to ensure consistent color rendering and lumen maintenance.



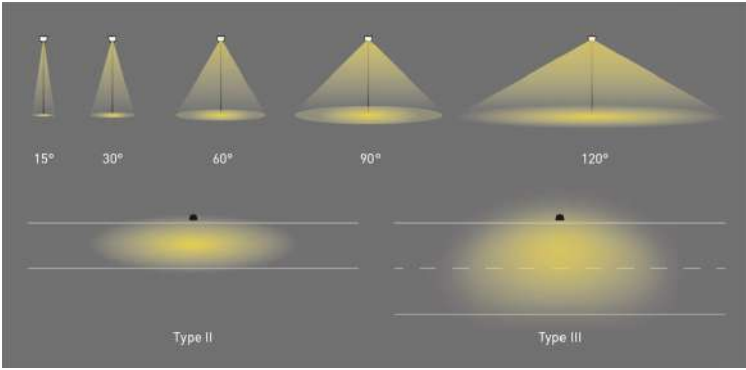
Reliable Drivers:

Powered by trusted drivers (Meanwell/Sosen/Philips/Lifud) with high power factor (>0.95) and low THD (<15%) for stable performance.



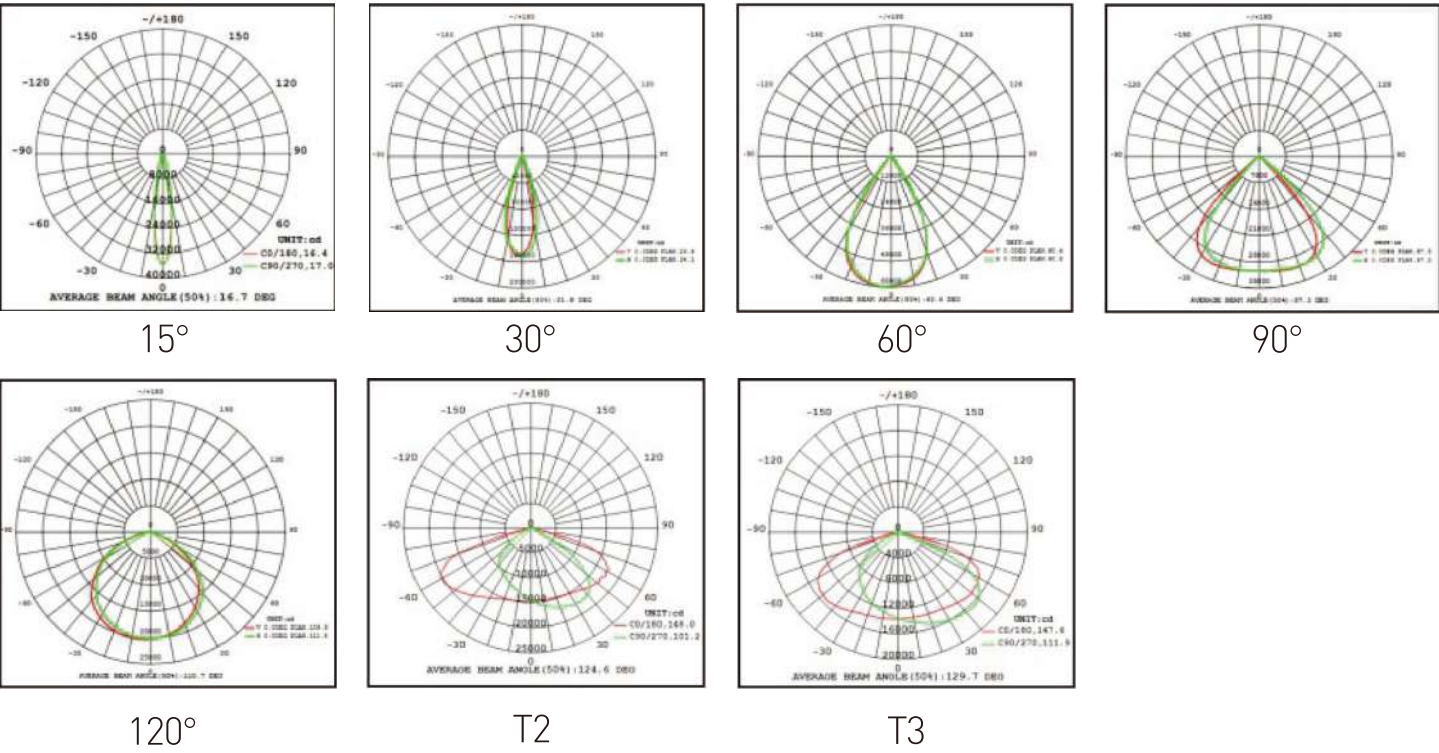
Precision Light Distribution

Provide multiple beam angle options ranging from 15° to 120°, and support Type II and Type III lighting schemes.

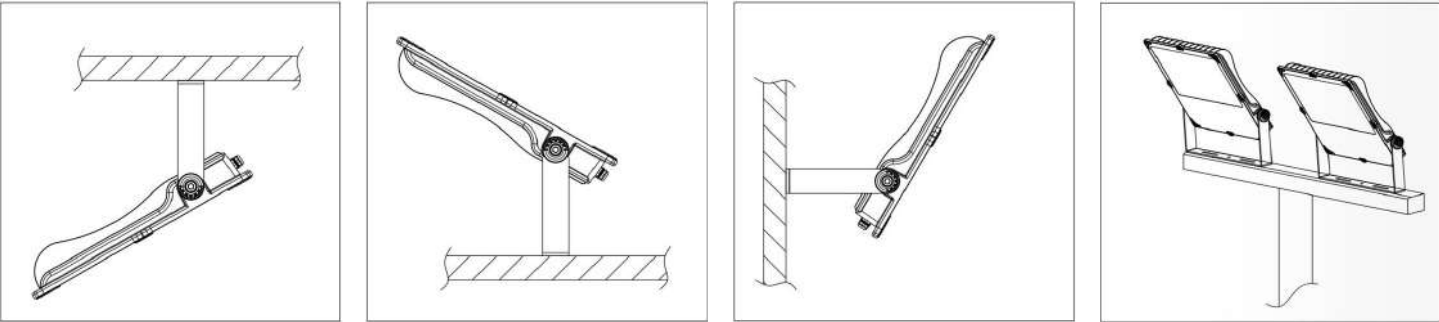


Photometric diagrams

Beam Angle: 15°/30°/60°/90°/120°/Type-II/Type-III



Installation Mode



One-Piece ADC12 Die-cast Aluminum Housing

Constructed with ADC12# die-cast aluminum, offering superior corrosion and rust resistance suited for harsh outdoor environments



Outdoor Protection

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments.



IP66 sealing against dust and sand



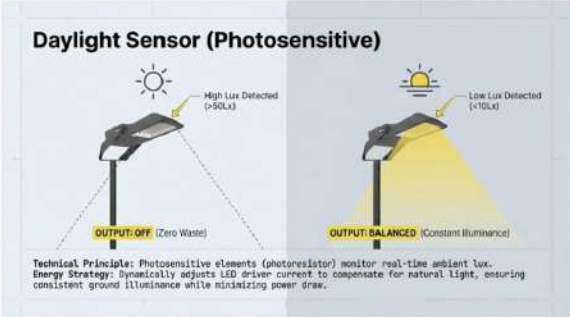
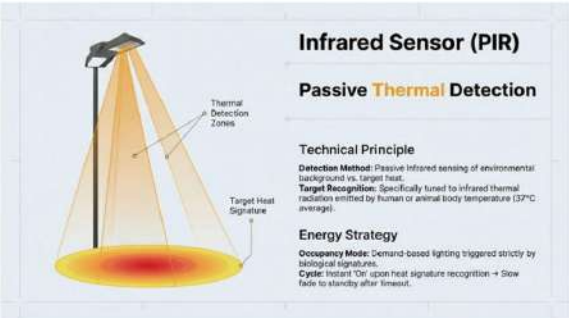
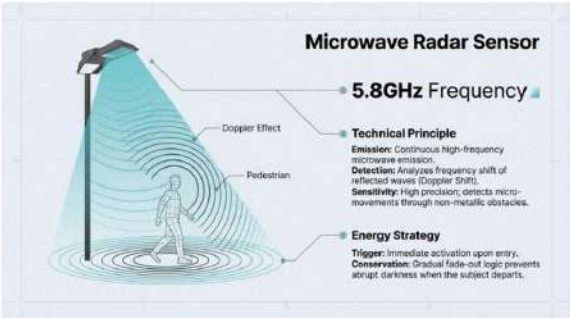
Stable performance under high temperatures

Surge Protection

Built-in 6KV/10KV SPD protects the fixture from electrical surges and lightning strikes.



High surge protection for unstable grids



Optional smart sensors:

Optional intelligent sensing solutions: microwave, infrared(PIR), Daylight, and Bluetooth, providing a more efficient and automated control method for lighting systems.



Applications

Widely used in Horts,industrial areas,ports,Docks,airports,Billboard,and outdoor security lighting.



RL-FL5336-SERIES

LED Flood Light
HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION



- 

120-140lm/W
- 

Warranty
- 

IK08
- 

IP66
- 

50,000H
- 

-20°C~+50°C
- 

High Brightness
- 

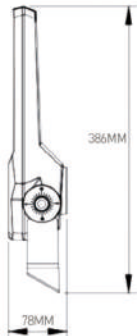
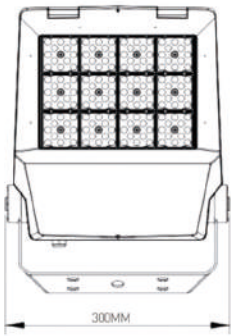
Efficient Heat Dissipation
- 

Easy Installation
- 

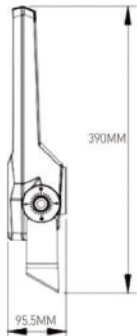
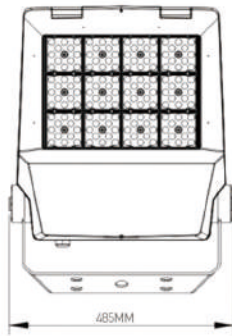
0/1-10V/DALI



Dimension (MM)



RL-FL5336-100W



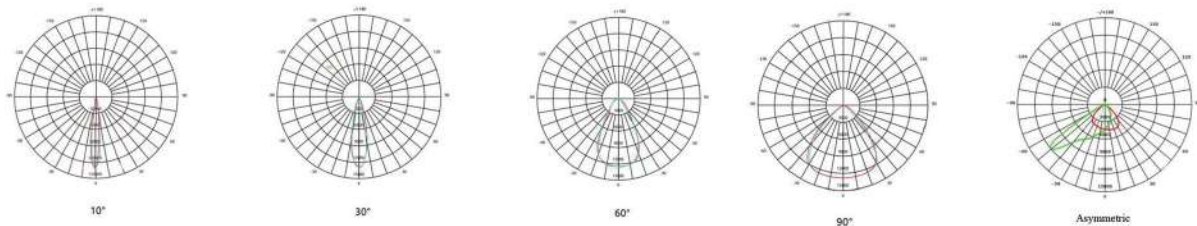
RL-FL5336-200W

Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability.



Light Distribution



Outdoor Protection:

IP66 and IK08 rating ensure reliable operation in demanding outdoor environments.



IP66 sealing against dust and sand



Storing temperature -20°C~50°C

Stable performance under high temperatures

Surge Protection:

High-efficiency constant current drive, low energy consumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



High surge protecting for unstable grids

Double Input cable

AC input cable+ dimming input cable



Parameters

Model No.	RL-FL5336-50W	RL-FL5336-100W	RL-FL5336-150W	RL-FL5336-200W
Power	50W	100W	150W	200W
Lumen	7000lm	14000lm	2100lm	28000lm
Efficiency	1401m/w*			
CCT	3000K,4000K,5700K			
CRI(Ra)	≥70			
SDCM	≤6			
Beam angle	13***, 30°,60°,90°,Asymmetric***			
Electrical parameters				
Input voltage	AC220-240V 50-60Hz			
Power Factor	>0.95			
Surge Protection	L-N:5KV , L/N-G:10KV			
Dimmable	0-10V,PWM,Time dimming(Optional)			
Mechanical parameters and key materials				
Housing	ADC12 die-cast aluminum, surface spray color: RAL9023 gray			
Cover Lens	UV-resistant PC			
LED Brand/Model	EDISON 3030			
LED Driver	MOSO			
General parameters				
Mounting	bracket mounting&Pole mounting			
Operating Temperature	-20 ~ +50°C			
Storage Humidity	10% ~ 85%			
Protection	IP66, IK08			
Electric class	ClassI			
Warranty	5 years			
Lumen Maintenance	50, 000 hours at L70			
DIM.OP	0-10V/1-10V/DALI			



RL-FL5337-SERIES

LED Flood Light
HIGH-EFFICIENCY
LED FLOOD LIGHTING
SOLUTION

The variety of beam angles:
25°/45°/60°/90°/80°152/80°145/120°148/P60
(optional).
Die-cast aluminum using with UV resistant powder
coat finish.
IP66, waterproof.

160-165Lm/W

Warranty

IK08

IP66

50,000H

-30°C~+50°C

High
Brightness

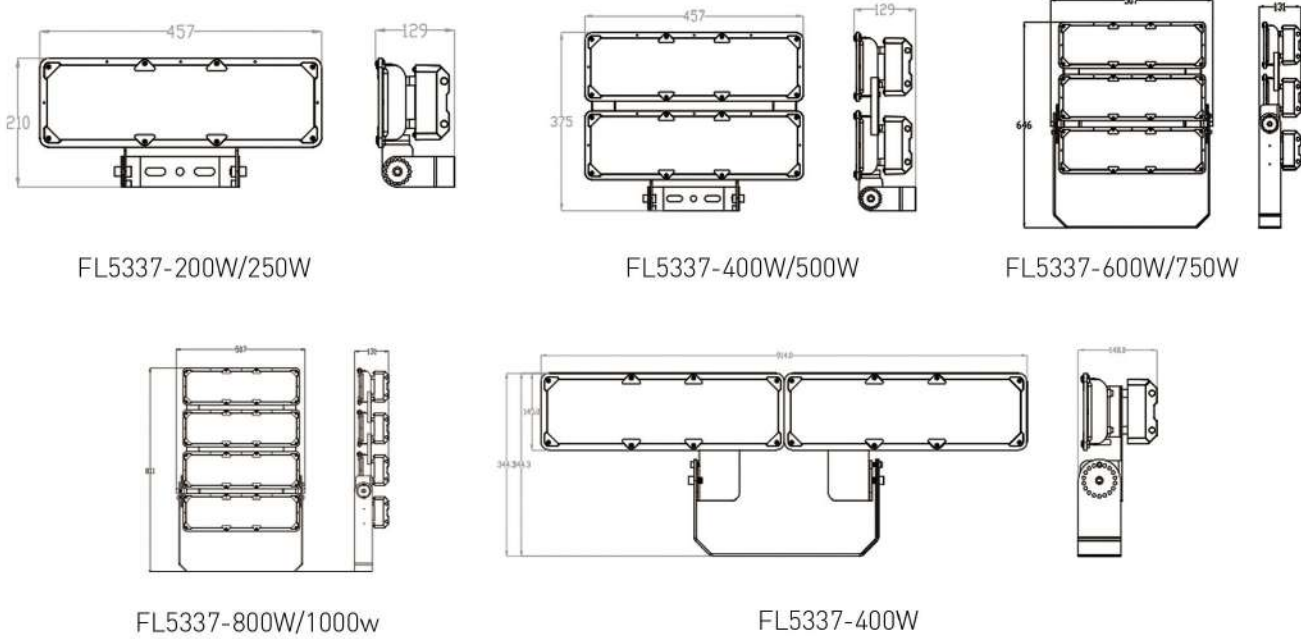
Efficient Heat
Dissipation

Easy
Installation

DIMMING
0/1-10V/DALI



Dimension (MM)



Lamp body structure

The lamp body structure is made of high-quality aluminum alloy die-casting, and the surface is outdoor electrostatic spraying technology, which has strong weather resistance and high reliability.



Outdoor Protection:

IP66 and IK08 rating ensure reliable operation in demanding outdoor environments.



IP66 sealing against dust and sand



Stable performance under high temperatures

Surge Protection:

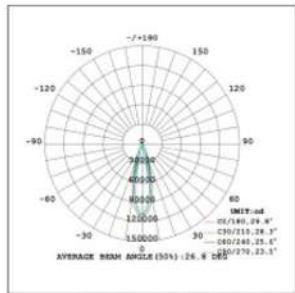
High-efficiency constant current drive, low energy consumption, full protection (over-current/voltage, lightning, high temperature) for stable product performance and long lifespan.



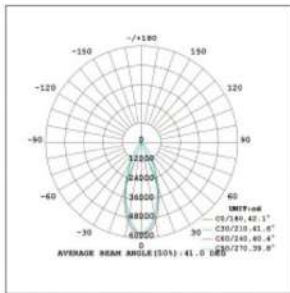
High surge protecting for unstable grids

Photometric Diagrams

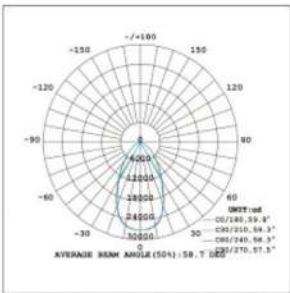
Beam Angle: 25°/45°/60°/90°/T2/T3/T4/P60(optional)



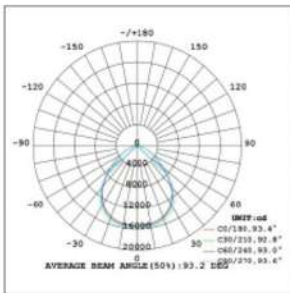
25°



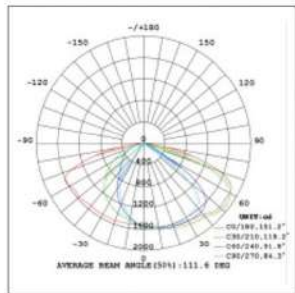
45°



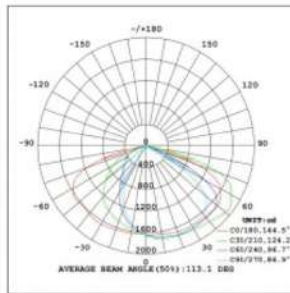
60°



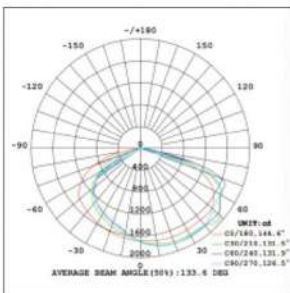
90°



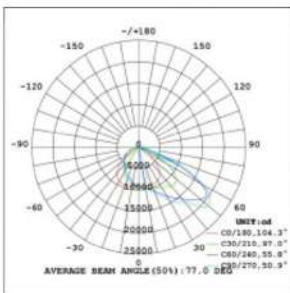
80*152



80*145



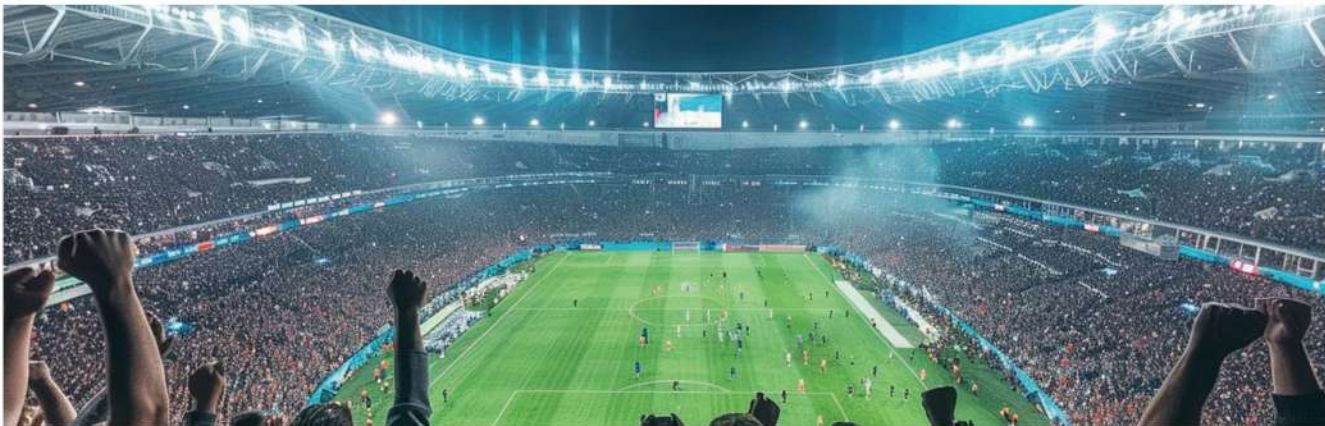
120*148



P60

Applications

Widely used in Horts, industrial areas, ports, Docks, airports, court and outdoor security lighting.



Parameters

Model No.	RL-FL5337-200/250W	RL-FL5337-400/500W	RL-FL5337-600/750W	RL-FL5337-800/1000W
Wattage Tunable	200W/250W	400W/500W	600W/750W	800W/1000W
Efficiency	160-165LM/W	160-165LM/W	160-165LM/W	160-165LM/W
Luminous Flux	33000-40000LM	66000-80000LM	90000-120000LM	132000-160000LM
LED Type	Lumileds/Sanan			
CCT	3000K/4000K/5000K/5700K/6500K			
CRI	>70Ra(80Ra or 90Ra optional)			
Beam Angle	25°/45°/60°/90° / 80°*152° / 30° / 80°*145° / 120°*148° / 45°*105°			
Power Supply	Inventronics/Sosen/Lafda/Moso			
Input Voltage	AC100-277V/AC220-240V			
Power Frequency	50/60Hz			
Power Factor	0.95			
Total Harmonic Distortion	<15%			
SPD	10KV OR 20KV external SPD optional			
Heat Radiator	Die-cast aluminum			
Lens Material	PC+Glass			
IK Rating	IK08			
IP Rating	IP66			
Working Temperature	- 30°C~+50°C			
Storing Temperature	- 40°C~+80°C			
Lifetime(L70 Standard)	50,000 hours			
Warranty	5 Years			
DIM.OP	0-10V/1-10V/DALI			



LED STREET LIGHT

RL-SR2046-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

Energy-saving LED street light for a wide range of application. It is featured with excellent heat sink design as well as superior optical design. It provides long-lasting performance even in a diverse environment. The fixture is the best platform to achieve optimal balance between performance and cost.

150LM/W

5 YEARS
Warranty

IP66

IK08

Easy installation

0/1-10V/DALI
DIMMING

LIFESPAN
50,000H

-20°C ~ +50°C

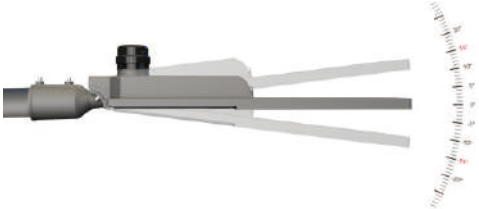
4/10KV

High brightness

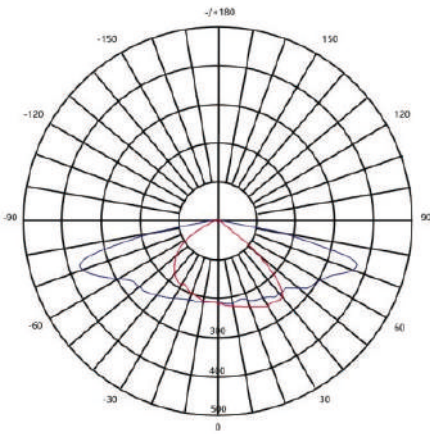
Efficient heat dissipation



Angle adjustable

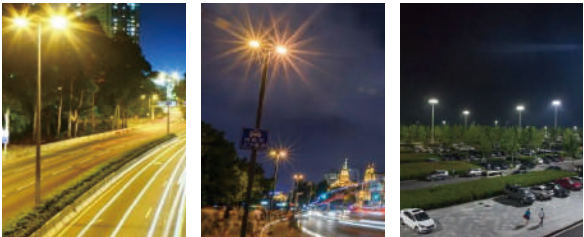


Light Distribution Curve



Applications

Urban/rural roads, Parking lots, Streets, Public areas

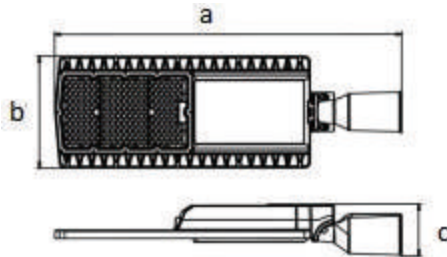


Outdoor Protection

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment

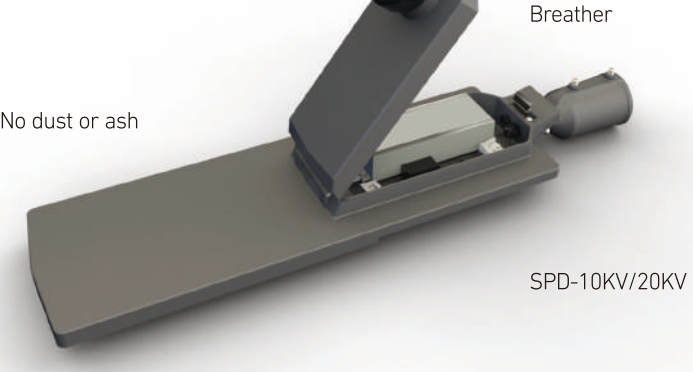


Dimensions



RL-SR2046-1: a=425mm/b=117mm/c=76mm
RL-SR2046-2: a=494mm/b=155mm/c=76mm
RL-SR2046-3: a=623mm/b=200mm/c=76mm
RL-SR2046-4: a=775mm/b=200mm/c=76mm

It can be matched with NEMA3 baseand cooperate with intelligent controller to realize intelligent control function.



Accessories



Parameters

Model No.	RL-SR2046-1		RL-SR2046-2		RL-SR2046-3		RL-SR2046-4	
Power	30W	40W	50W	60W	100W	120W	150W	200W
Lumen	4500Lm	6000Lm	7500Lm	9000Lm	15000Lm	18000Lm	22500Lm	30000Lm
LUMENS	150LM/W							
DIM.OP	0-10V/1-10V/DALI							
CCT (Typ. K ± 10%)	3000K, 4000K, 5700K							
CRI (Ra)	≥70							
SDCM	≤6							
Beam angle	Type II							
Input voltage	AC220-240V 50/60Hz							
Power Factor	>0.95							
Surge Protection	SP1 SP2: EDISON Isolated 4KV, SP3 SP4: MOSO 6KV**							
Dimmable	0-10V, PWM, Timer dimming (Optional)							
Housing	High-pressure die-cast aluminum RAL9023 gray							
Cover Lens	UV-resistant PC							
LED Drive	SP1 SP2: EDISON Isolated , SP3 SP4: MOSO							
LED Brand/Model	SP1 SP2 SP3 EDISON 3030 , SP4 EDISON 5050							
Mounting	Side entry or post-top							
Operating Temperature	- 20 ~ + 50°C							
Storage humidity	10% ~ 85%							
Protection	IP66, IK08							
Electrical class	Class							
Safety Approval	CB, CE, ENEC							
Lumen maintenance	50,000 hours at L70							
Warranty	5 Years							

RL-SR2047-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

High performance series street light providing ultra-flexible lighting solution. The luminaire is specifically designed with long-lasting performance, with high-pressure die-casting aluminum, It is designed with ZHAGA and NEMA socket to provide numerous control options, available with 0-10V, DALI or custom dimming profile

140LM/W

5 YEARS
Warranty

IP66

IK09

Easy installation

0/1-10V/DALI
DIMMING

LIFESPAN
50,000H

-30°C ~ + 50°C

4/10KV

High brightness

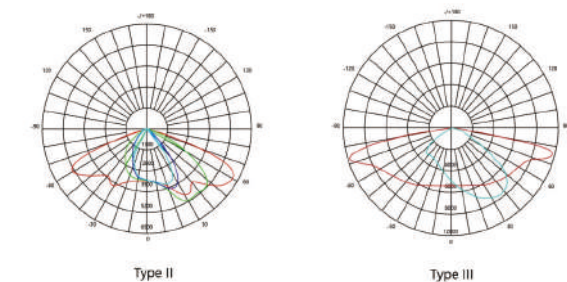
Efficient heat dissipation



Angle adjustable

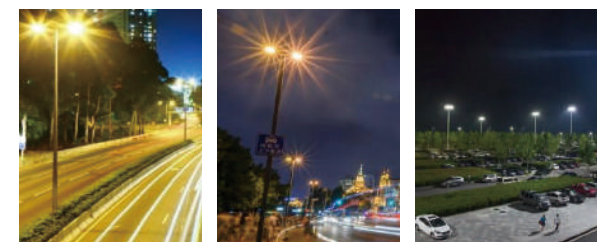


Light Distribution Curve



Applications

Various roads, Parking lots, Parks, Squares

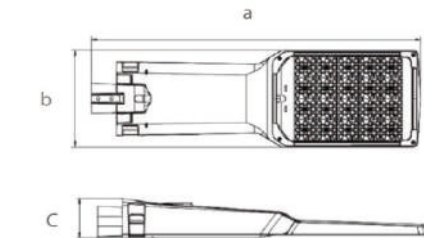


Outdoor Protection

IP65 and IK09 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Dimensions



RL-SR2047-1: a=514mm/b=210mm/c=111mm
RL-SR2047-2: a=578mm/b=235mm/c=95mm
RL-SR2047-4: a=770mm/b=235mm/c=95mm
RL-SR2047-6: a=895mm/b=340mm/c=104mm

Parameters

Model No.	RL-SR2047-1		RL-SR2047-2		RL-SR2047-4		RL-SR2047-6	
Power	40W	60W	80W	100W	150W	180W	240W	300W
Lumen	5600Lm	8400Lm	11200Lm	14000Lm	21000Lm	25200Lm	33600Lm	42000Lm
LUMENS	140LM/W							
CCT (Typ. K ± 10%)	3000K, 4000K, 5700K							
DIM.OP	0-10V/1-10V/DALI							
CRI (Ra)	≥70							
SDCM	≤6							
Beam angle	Type II , Type III							
Input voltage	AC100-240V /220-240V 50-60Hz							
Power Factor	> 0.95							
Surge Protection	MOSO:L-N: 5KV, INVENTRONICS:L-N: 6KV							
Dimmable	0-10V, PWM, Timer dimming (Optional)							
Housing	High-pressure die-cast aluminum RAL9023 gray							
Lens	UV-resistant polycarbonate							
Cover	Tempered glass							
LED Drive	MOSO (100-240V) INVENTRONICS (220-240V)							
LED Brand/Model	EDISON 5050							
Mounting	Side entry or post-top							
Operating Temperature	- 20 ~ + 50°C							
Storage humidity	10% ~ 85%							
Protection	IP66, IK09							
Electrical class	Class							
Safety Approval	CB, CE, ENEC							
Lumen maintenance	50,000 hours at L70							
Warranty	5 Years							



Accessories



RL-SR2048-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

High performance series street light providing ultra-flexible lighting solution. The luminaire is specifically designed with long-lasting performance, with high-pressure die-casting aluminum, It is designed with ZHAGA and NEMA socket to provide numerous control options, available with 0-10V, DALI or custom dimming profile

160-190LM/W

Warranty

IP66

IK08

Easy installation

0/1-10V/DALI

50,000H

-30°C~ + 50°C

4/10KV

High brightness

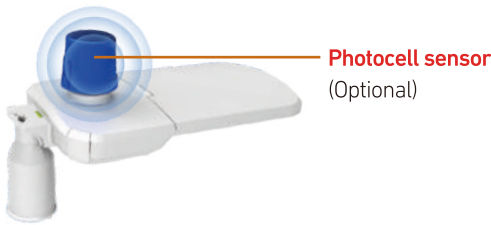
Efficient heat dissipation

DUSK TO DAWN
PHOTOCELL SENSOR



Automatic inductor

Automatically sense the intensity for light. When the light is weak nearnight,the lamp will turn on automatically when the light is bright, the lamp will turn off automatically



Die-casting aluminum housing

Die-casting aluminum body with anti-corrosion powder painting, large heat dissipation area, good thermal conductivity



Large lamp
656*260*84mm

Medium lamp
594*240*84mm

Small lamp
506*200*79mm

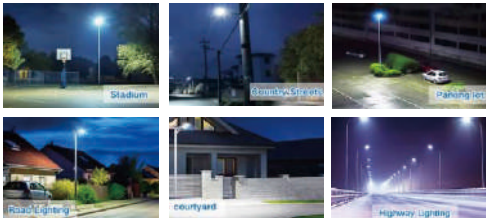
Installation

Vertical/Straight arm mounting
Easy Installation



Applications

Parking lot, Courtyard, Municipal Road installation
Highway Lighting, Road Lighting

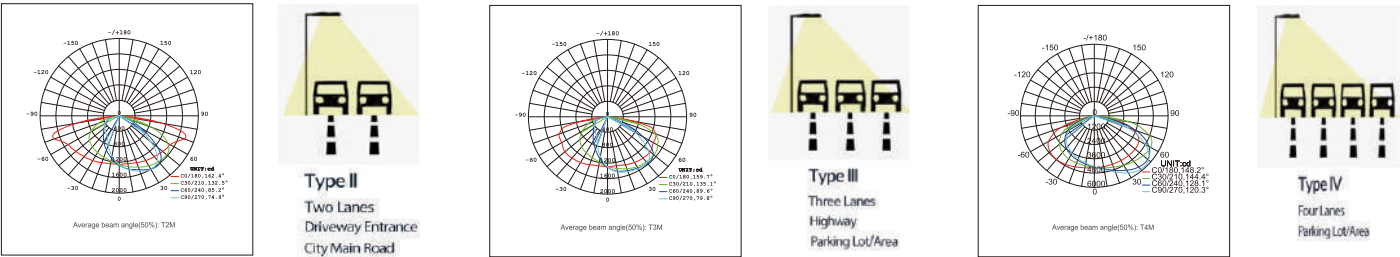


Outdoor Protection

IP65 and IK09 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Photometric diagrams



Parameters

Model No.	RL-SR2048-30/40/50/60W	RL-SR2048-70/80/90/100/110/120W	RL-SR2048-130/140/150/160/170/180/190/200W
LED Type	Lumileds/Sanan		
Efficiency	160Lm/W-190Lm/W		
Luminous Flux	5700LM-9600LM	13,300LM-19,200LM	24,700LM-32,000LM
CCT	3000K/4000K/5000K/5700K/6500K		
DIM.OP	0-10V/1-10V/DALI		
Beam Angle	T2/T3/T4		
CRI	>70Ra		
Power Supply	Meanwell/Sosen/Inventronics		
Input Voltage	AC100-277V/220-240V		
Power Frequency	50/60Hz		
Power Factor	0.95		
Total Harmonic Distortion	<15%		
IP Rating	IP66		
SPD	Built-in 4KV, 10KV external SPD optional		
Lifetime(L70 Standard)	50,000 hours		
Heat Radiator	Die-cast aluminum		
Lens Material	Glass		
Warranty	5 Years		

RL-SR2049-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

High-performance street lighting solution independently developed by Edison. Featuring IK08-rated tempered glass and an IP66 waterproof rating, it ensures excellent durability and reliability. Compatible with smart control modules such as ZHAGA receptacles, it supports intelligent lighting functions including 0-10V dimming for versatile project applications



165LM/W



Warranty



IP66



IK08



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



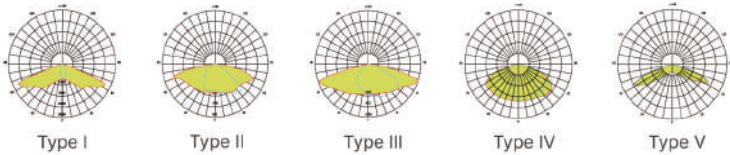
Efficient heat dissipation



RL-SR2049-1

RL-SR2049-2

Light Distribution Curve



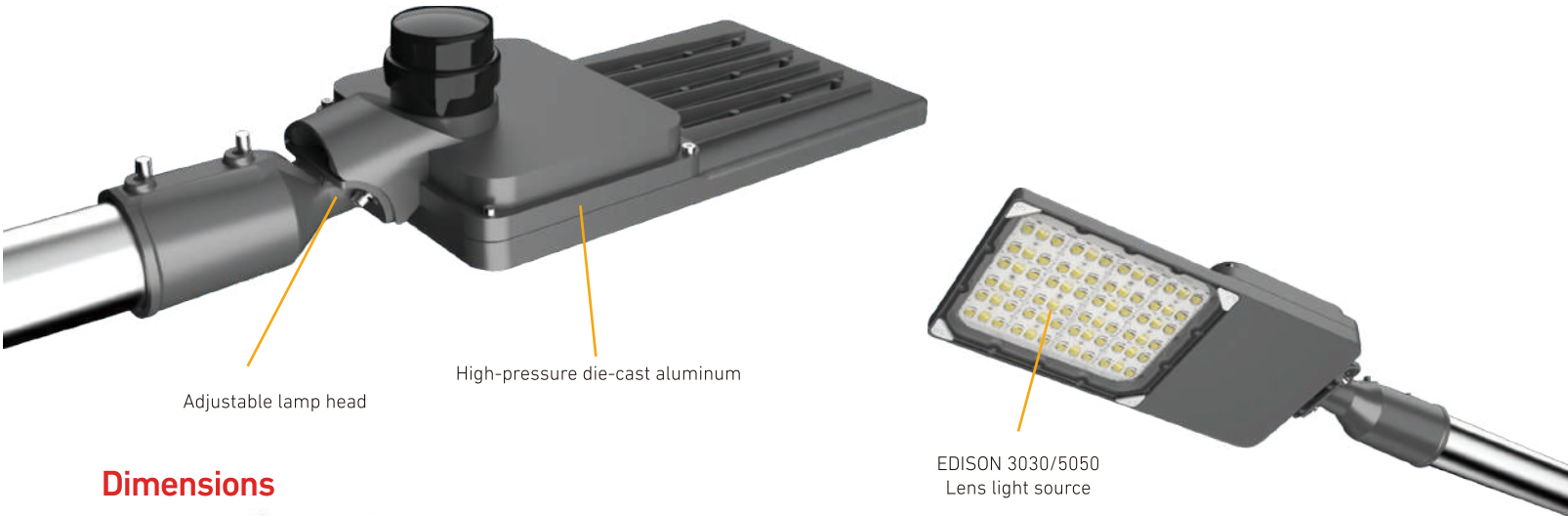
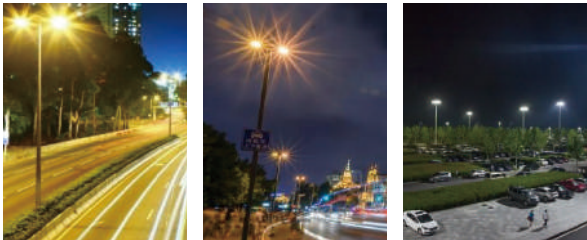
Outdoor Protection

IP66 and IK08 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment

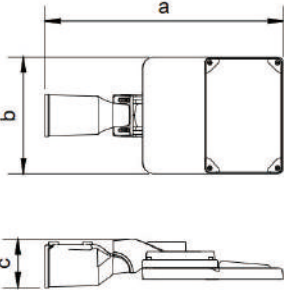


Applications

Road & highway lighting, Urban road & street lighting, Residential area lighting, Parks & perimeter lighting, Parking lot lighting, Riverside & jogging track



Dimensions



RL-SR2049-1: a=424mm/b=208mm/c=87mm
RL-SR2049-2: a=516mm/b=208mm/c=87mm

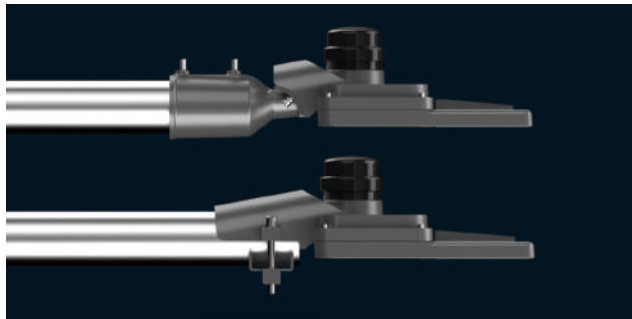
Accessories



Parameters

Model No.	RL-SR2049-1	RL-SR2049-2
Power	50W	100W
Lumen	8250Lm	16500Lm
LUMENS	165LM/W	
CCT (Typ. K ± 10%)	1800K/ 2700K/ 3000K/3500K/4000K/5700K/6500K	
CRI (Ra)	≥70	
SDCM	≤6	
Beam angle	Type I, Type II , Type III, Type IV, Type V is optional	
Input voltage	AC100-240V /220-240V 50-60Hz	
Power Factor	> 0.95	
Surge Protection	SPD 10KV/20KV is optional.	
DIM.OP	0-10V, 1-10V,PWM, Timer dimming (Optional)	
Housing	High-pressure die-cast aluminum , RAL9023 gray	
Lens	UV-resistant polycarbonate	
Cover	Tempered glass	
LED Drive	MOS0/INVENTRONICS/S0SEN	
LED Brand/Model	EDISON 3030/5050	
Mounting	Side entry or post-top	
Operating Temperature	- 20 ~ + 50°C	
Storage humidity	10% ~ 85%	
Protection	IP66, IK08	
Electrical class	CLASS I or CLASS II	
Safety Approval	CE	
Lumen maintenance	100,000 hours at L70	
Warranty	5 Years	

Two installation methods



RL-SR2050-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

High performance series street light providing ultra-flexible lighting solution. The luminaire is specifically designed with long-lasting performance, with high-pressure die-casting aluminum. It is designed with ZHAGA and NEMA socket to provide numerous control options, available with 0-10V, DALI or custom dimming profile



150LM/W



Warranty



IP66



IK10



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



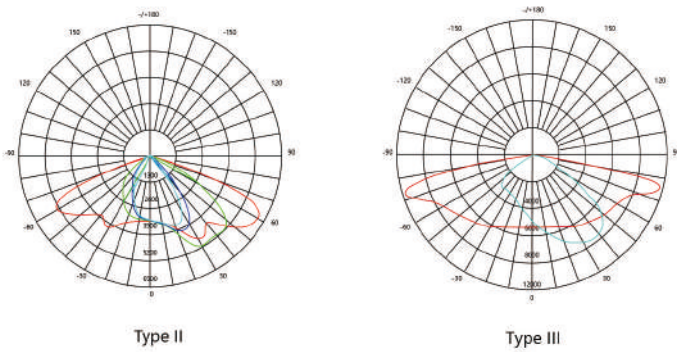
Efficient heat dissipation



Angle adjustable



Light Distribution Curve



Applications

Various roads, Parking lots, Parks, Squares



RL-SR2050-1

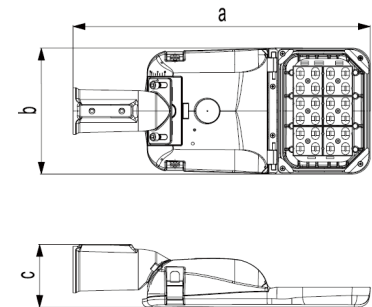
RL-SR2050-2

Outdoor Protection

IP66 and IK10 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Dimensions



RL-SR2050-1: a=498mm/b=211mm/c=105mm
RL-SR2050-2: a=598mm/b=211mm/c=105mm



Accessories



Parameters

Model No.	RL-SR2050-1			RL-SR2050-2	
Power	40W	60W	80W	100W	120W
Lumen	6000Lm	10500Lm	12000Lm	15000Lm	18000Lm
LUMENS	150LM/W				
CCT (Typ. K ± 10%)	3000K, 4000K, 5700K				
CRI (Ra)	≥70				
SDCM	≤6				
Beam angle	Type II , Type III				
Input voltage	220-240V, 50-60Hz				
Power Factor	> 0.95				
Surge Protection	CLASS II : Inventronics:L-N: 6KV				
DIM.OP	0-10V,1-10V, PWM, Dali, Timer dimming (Optional)				
Housing	ADC12 High-pressure die-cast aluminum RAL9023 gray				
Lens	UV-resistant polycarbonate				
Cover	Tempered glass				
LED Drive	Inventronics				
LED Brand/Model	EDISON 5050				
Mounting	Side entry or post-top				
Operating Temperature	- 20 ~ + 50°C				
Storage humidity	10% ~ 85%				
Protection	IP66, IK10				
Electrical class	Class				
Safety Approval	CE, CB, ENEC,ENEC+				
Lumen maintenance	50,000 hours at L70				
Warranty	5 Years				

RL-SR2051-SERIES

HIGH-EFFICIENCY STREET LIGHT SOLUTION

High performance series street light providing ultra-flexible lighting solution. The luminaire is specifically designed with long-lasting performance, with high-pressure die-casting aluminum, It is designed with ZHAGA and NEMA socket to provide numerous control options, available with 0-10V, DALI or custom dimming profile



140LM/W



Warranty



IP66



IK09



Easy installation



0/1-10V/DALI



50,000H



-20°C~ + 50°C



4/10KV



High brightness



Efficient heat dissipation





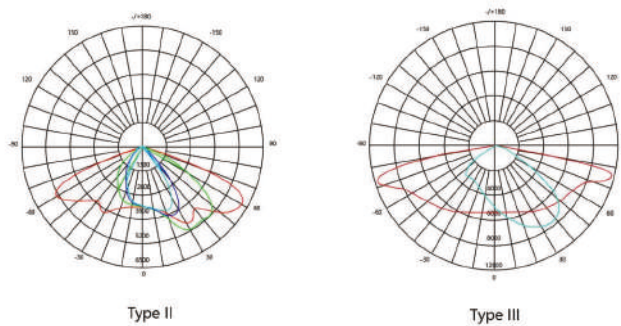




Angle adjustable

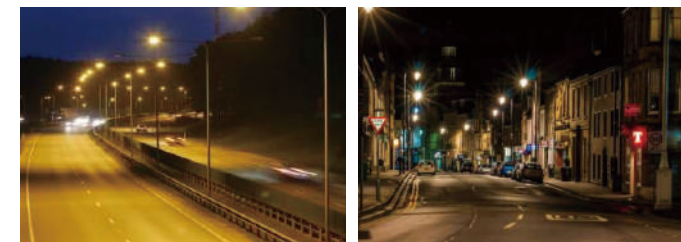


Light Distribution Curve



Applications

Various roads, Parking lots, Parks, Squares



RL-SR2051-1

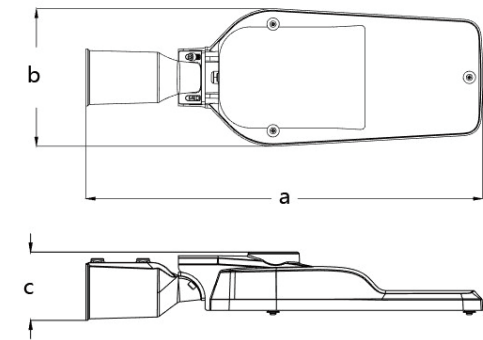
RL-SR2051-2

Outdoor Protection

IP66 and IK10 ratings ensure reliable operation in demanding outdoor environments. It can also be used normally in extremely cold or high temperature environment



Dimensions



RL-SR2051-1: a=520mm/b=180mm/c=90mm

RL-SR2051-2: a=675mm/b=197mm/c=91mm

Accessories



Parameters

Model No.	RL-SR2051-1		RL-SR2051-2	
Power	40W	60W	80W	100W
Lumen	5600Lm	8400Lm	11200Lm	14000Lm
LUMENS	140LM/W			
CCT (Typ. K ± 10%)	3000K, 4000K, 5700K			
CRI (Ra)	≥70			
SDCM	≤6			
Beam angle	Type II , Type III			
Input voltage	AC100-240V /220-240V 50-60Hz			
Power Factor	>0.95			
Surge Protection	EDISON Isolated L-N: 4KV, MOSO:L-N: 5KV**,INVENTRONICS:L-N: 6KV			
DIM.OP	0-10V, 1-10V, PWM, Timer dimming (Optional)			
Housing	High-pressure die-cast aluminum RAL9023 gray			
Lens	UV-resistant polycarbonate			
Cover	Tempered glass			
LED Drive	SG1 EDISON Isolated, SG2 MOSO (100-240V) INVENTRONICS (220-240V)			
LED Brand/Model	EDISON 5050			
Mounting	Side entry or post-top			
Operating Temperature	- 20 ~ + 50°C			
Storage humidity	10% ~ 85%			
Protection	IP66, IK09			
Electrical class	CLASS II			
Safety Approval	CB, CE, ENEC			
Lumen maintenance	50,000 hours at L70			
Warranty	5 Years			



LED LAMPS

RL-SL6472
RL-SL6494

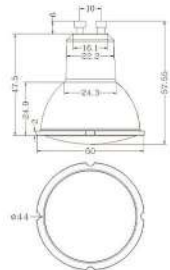


RL-SL6472

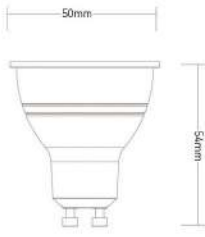


RL-SL6494

Dimension(MM)



RL-SL6472



RL-SL6494



Parameters(MM)

MODEL NO.	RL-SL-6472			RL-SL-6494	
POWER	5W	5W	7W	15W	22W
LUMENS	375	375	525	350	400
COL.TEMP	3000K/4000K/6500k			3000K/4000K/6500k	
DIM.OP	NO	YES	NO	NO	YES
HOUSING	ALUMINIUM /PLASTIC			ALUMINIUM	
DIFFUSER	OPAL ACRYLIC			CLEAR FOCAL LENS	
COLOUR	WHITE			WHITE	
CHIP	SMD2835			COB	
BASE	GU10			GU10	
CRI	>80			>80	
PF	0.5			0.5	
VOLTAGE	220 - 240V AC			220 - 240V AC	
IP RATING	IP20			IP20	
LIFE	25000 hours			25000 hours	
WARRANTY	2 YEARS			2 YEARS	

RL-LB2212
RL-LB2214
RL-LB2216
RL-LB2219



RL-LB2212



RL-LB2214



RL-LB2212/
RL-LB2214-AMBER



RL-LB2219



RL-LB2216



RL-LB2214-2
RED



RL-LB2214-2
BLUE



RL-LB2214-2
GREEN



RL-LB2214-4 AMB SEN
RL-LB2214-4 CLR SEN

Parameters(MM)

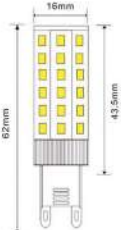
MODEL NO.	RL-LB2212						RL-LB2214						RL-LB2216				RL-LB2219				
POWER	4W			4W			1.8W			4.2W			6W		8W		6W	9W	12W	15W	
LUMENS	360			360			90	200	40	400			600		800		450	675	900	960	
COL.TEMP	2700K - 6500K			2700K - 6500K			RED	GREEN	BLUE	2700K			2700K-6500K				2700K-6500K				
DIM.OP	NO	YES	NO	NO	YES		NO						NO	YES	NO	YES	NO				
HOUSING	ALUMINIUM /GLASS			ALUMINIUM/ GLASS										ALUMINIUM/ GLASS				ALUMINIUM/ PBT			
DIFFUSER	CLEAR GLASS			CLEAR GLASS						AMBER GLASS		CLEAR GLASS		CLEAR GLASS				OPAL ACRYLIC			
COLOUR	CHROME			CHROME										CHROME				WHITE/CHROME			
CHIP	FILAMENT			FILAMENT										FILAMENT				SMD2835			
BASE	E14			E14			E27						E27				E27				
CRI	>80			>80			>70	>70	>70	>80			>80				80				
PF	0.5			0.5			0.4			0.5			0.4				0.6				
VOLTAGE	110-265V AC	220-240V AC	110-265V AC	110-265V AC	220-240V AC	110-265V AC	220-240V AC						220-240V AC				220-240V AC				
IP RATING	IP20			IP20										IP20				IP20			
LIFE	25000 hours			25000 hours										25000 hours				25000 hours			
WARRANTY	2 YEARS			2 YEARS										2 YEARS				2 YEARS			

RL-LB2220



RL-LB2220

Dimension(MM)



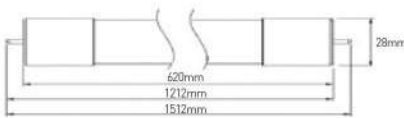
RL-LB2220

RL-TB2612



RL-TB2612

Dimension(MM)



RL-TB2612



Parameters(MM)

MODEL NO.	RL-LB2220-7W
POWER	7W
LUMENS	560
COL.TEMP	3000K-6500k
DIM.OP	0-10V/1-10V/DALI
HOUSING	ALUMINIUM + CERAMIC + PC + GLASS
DIFFUSER	CLEAR GLASS
COLOUR	WHITE/CHROME
CHIP	SMD2835
BASE	G9
CRI	80
PF	0.5
VOLTAGE	220 - 240V AC
IP RATING	IP20
LIFE	25000 hours
WARRANTY	2 YEARS



Parameters(MM)

MODEL NO.	RL-TB2612-10W 2FT	RL-TB2612-18W 4FT	RL-TB2612-18W 5FT
POWER	10W	18W	22W
LUMENS	800	1450	2000
COL.TEMP	3000K-6500k		
DIM.OP	0-10V/1-10V/DALI		
HOUSING	PC + GLASS		
DIFFUSER	OPAL GLASS		
COLOUR	WHITE		
CHIP	SMD2835		
BASE	G13		
CRI	>70		
PF	0.5		
VOLTAGE	220 - 240V AC		
IP RATING	IP20		
LIFE	25000 hours		
WARRANTY	2 YEARS		

