

A modern office interior featuring a large, white, rectangular LED panel light fixture hanging from the ceiling. The office has a glass wall on the left, offering a view of a city skyline. In the foreground, there is a long, white conference table with several modern, light-colored office chairs. A small potted plant and a notebook are on the table. In the background, there is a blue and orange sofa and a small round table. The floor is made of light-colored wood, and a colorful rug is partially visible under the table.

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 Surfaced 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
- 

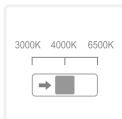
Easy
Installation
- 

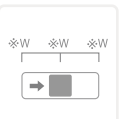
CCT
switchable
- 

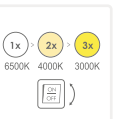
Power
switchable

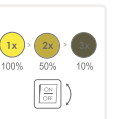


RL-PNL2684-RD-SM
Led Panel Light

- 

CCT Changeable
- 

Power Changeable
- 

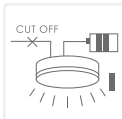
ON/OFF CCT Changeable
- 

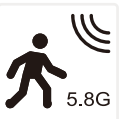
ON/OFF Dimmable
- 

Dimmable
- 

RGB
- 

WiFi + Bluetooth
- 

Bluetooth Mesh
- 

Emergency
- 

Microwave Sensor



Recessed

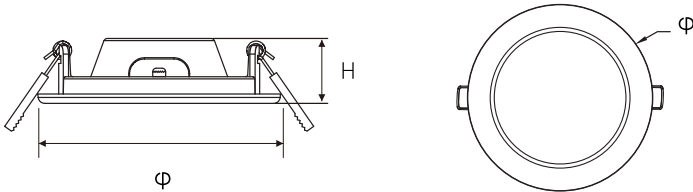
Surfaced

▲ 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-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

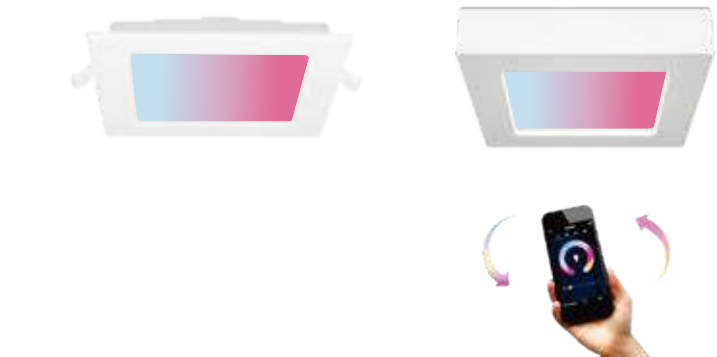
Easy
Installation

CCT
switchable

POWER
switchable



Optional Remote Controller



CCT Changeable

Power Changeable

ON/OFF CCT Changeable

ON/OFF Dimmable

Dimmable

RGB

WiFi + Bluetooth

Bluetooth Mesh

Emergency

Microwave Sensor

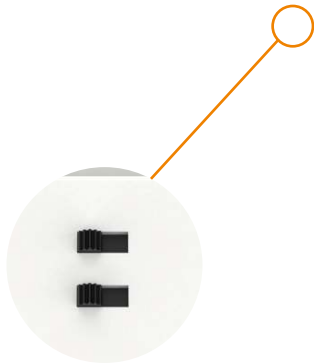


Recessed

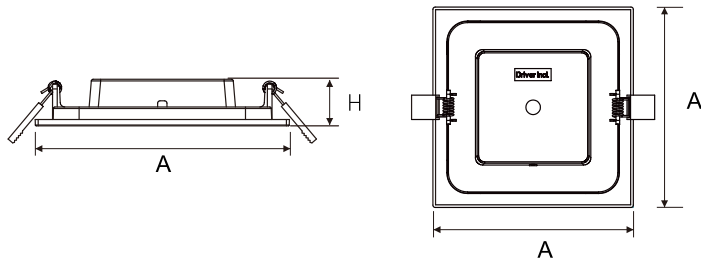
Surfaced

▲ 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



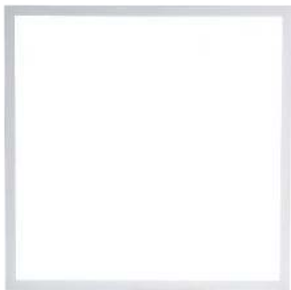
Parameters

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.



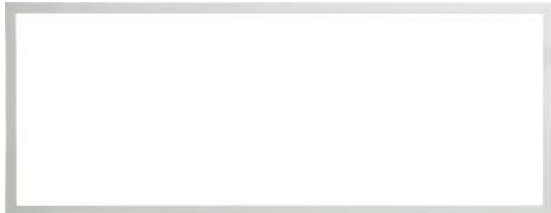
RL-PNL2661 SERIES
LED Panel Light



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°
- 

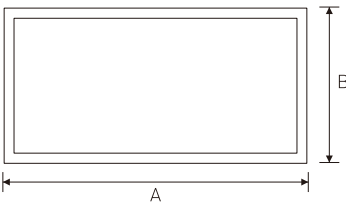
50,000H
- 

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



100Lm/W



5 YEARS



0-10V/1-10V/
DALI



IP20/IP44



Dustproof



mosquito-
proof



-30°C~+45°C



15° 24°36°55°



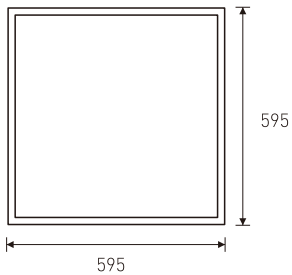
50,000H



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

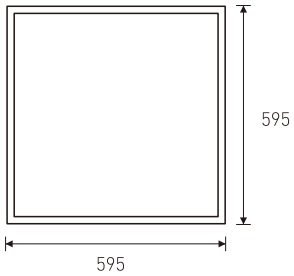




Front View



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.



DIMMING



120LM/W



5 YEARS
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.

0-10V/1-10V/
DALI

130Lm/W

Warranty

100-240V

IP20/IP44/IP65

Dustproof

mosquito-
proof

-30°C~+45°C

120°

50,000H

Easy
Installation

CCT
switchable



RL-PNL2670 SERIES
LED Panel Light



RL-PNL2671 SERIES
LED Panel Light



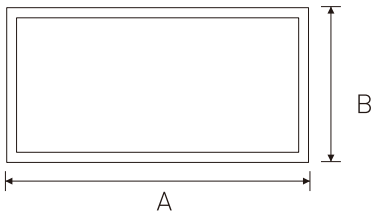
RL-PNL2672 SERIES
LED Panel Light



RL-PNL2673 SERIES
LED Panel Light

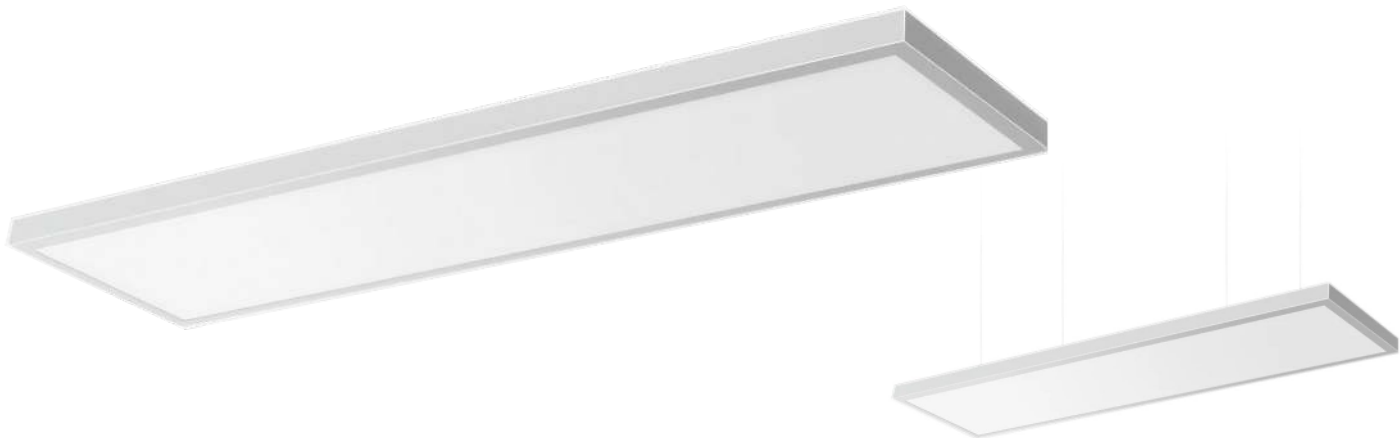


Size(MM)



Parameters

Model No.	RL-PNL2670 SERIES	RL-PNL2761 SERIES	RL-PNL2762 SERIES	RL-PNL2763 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

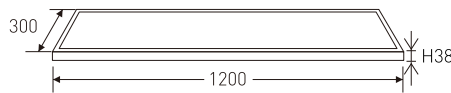
120°

LIFESPAN
50,000H

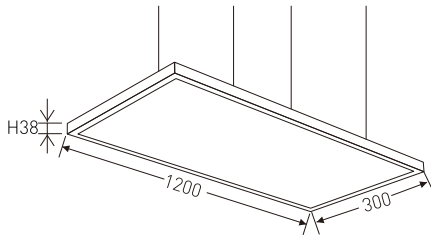
Easy
Installation

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°

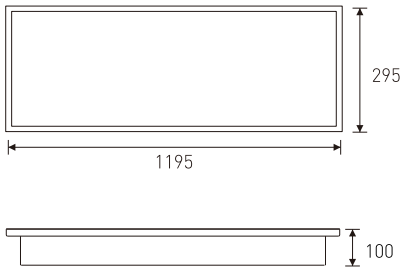
LIFESPAN
50,000H

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		

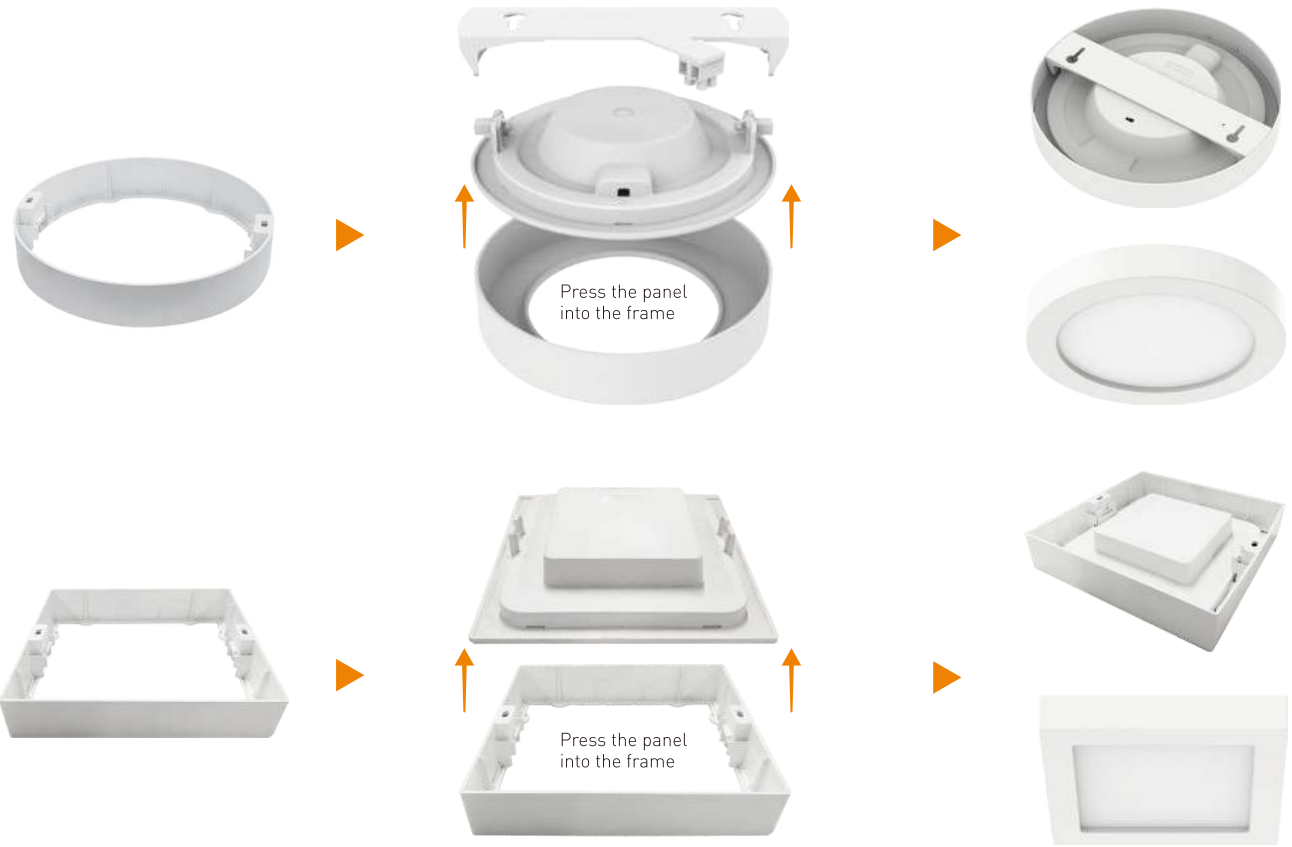
ACCESSORIES

	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 panels60x30, 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

2 YEARS
Warranty

High brightness

Easy installation

Efficient heat dissipation

20,000H
LIFESPAN

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

5 YEARS
Warranty

High brightness

Easy installation

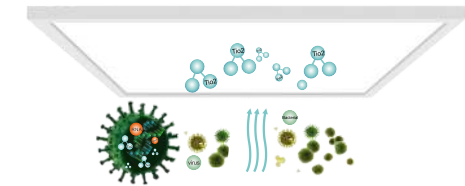
Efficient heat dissipation

50,000H
LIFESPAN



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
LIFESPAN

3/5 YEARS
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
LIFESPAN

5 YEARS
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.