

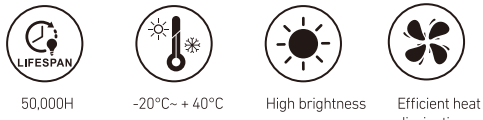
EXPLOSION PROOF



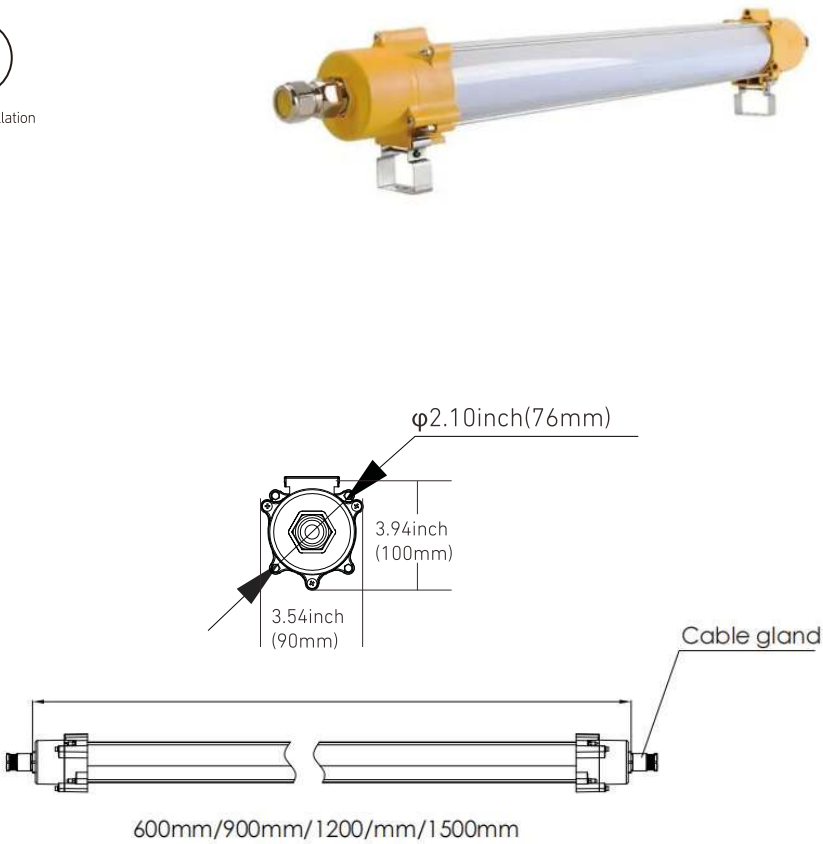
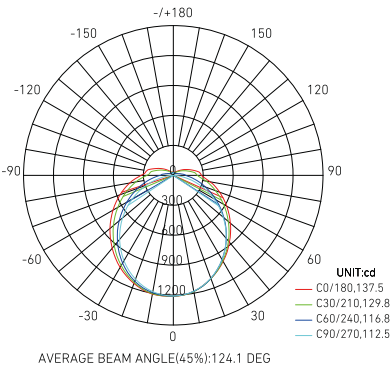
RL-EXP-WP263-SERIES

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

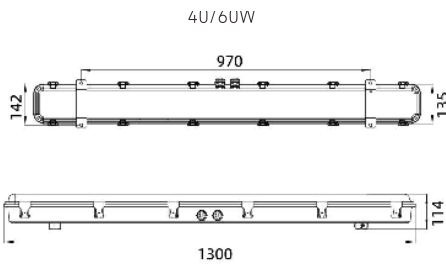
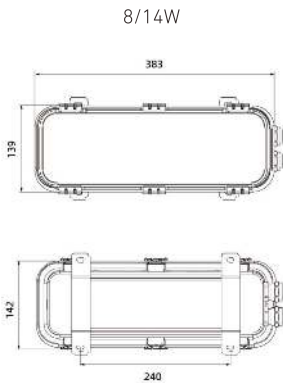
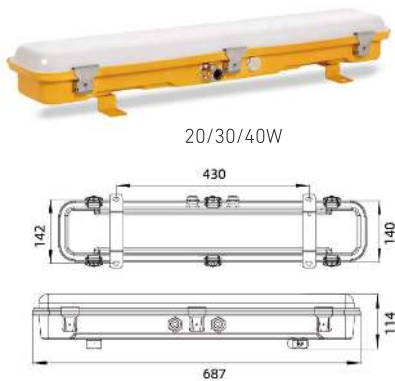
Thermal / Oil Refinery / Power Plant / Chemical / Laboratory Indoor And Outdoor Operations, Construction Sites, Devices And Facilities, etc



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



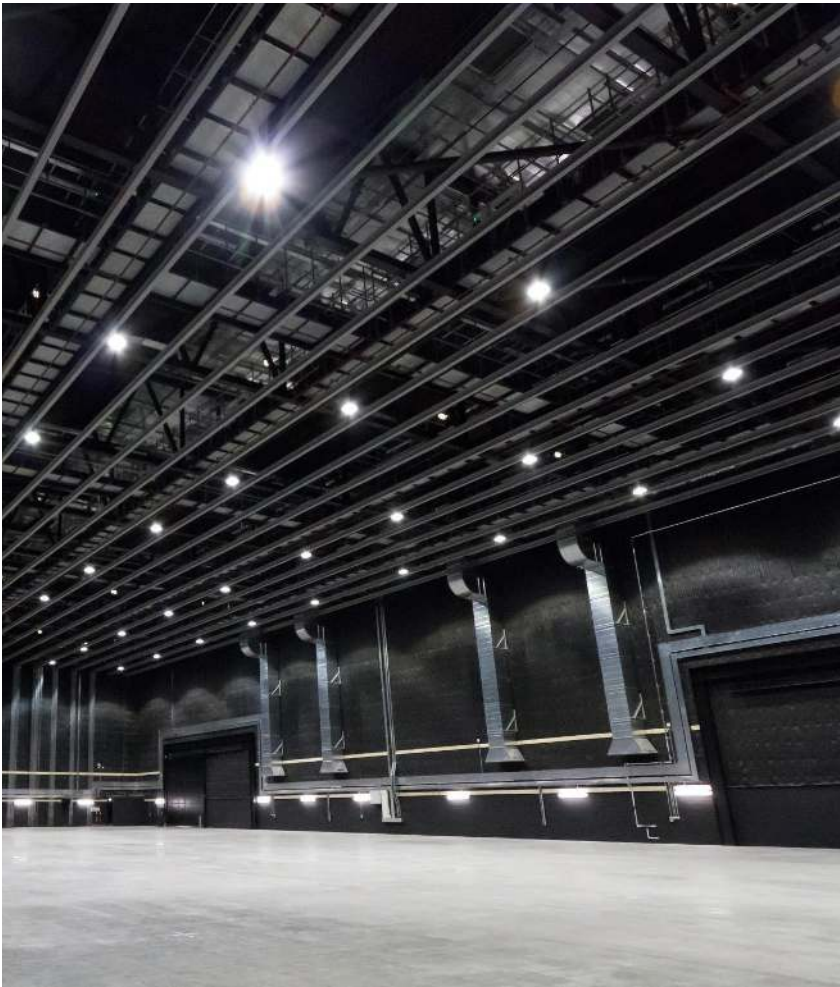
Toughened glass

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



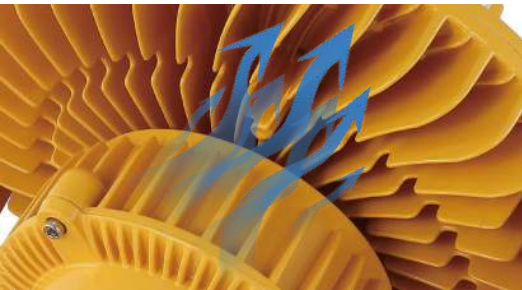
Outdoor Protection

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

