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PRODUCT CATALOG

—INDUSTRIAL LIGHTING

M.POLO ENTERPRISES INC.

LED Sports Light



Features & Applications

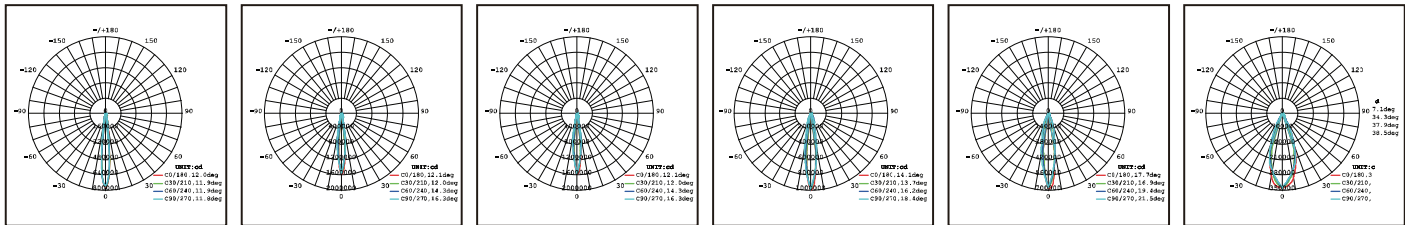
- ◆ The precisely engineered optics aim light to uniformly illuminate the field with less light spill.
- ◆ No more worrying about glare or spill impacting the area around your field.
- ◆ We use advanced materials to maximize light transmittance, anti-glare.
- ◆ Scalable LED Modules in NEMA 1,2,3,4 and 5 Beam Spreads allows for
- ◆ Optimized Configuration for different Sports and Class of Play.
- ◆ From 10° to 80° lens angle options available.



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-SPA-300W	100~277V; 200~480V	300W	150lm/w	3000/4000/5000/5700	70/80	10°/30°	IP66	Ø381*391	7
RL-SPA-400W	100~277V; 200~480V	400W	150lm/w	3000/4000/5000/5700	70/80	10°/30°	IP66	Ø381*391	7
RL-SPA-500W	100~277V; 200~480V	500W	150lm/w	3000/4000/5000/5700	70/80	10°/30°	IP66	Ø381*391	7
RL-SPA-750W	100~277V; 200~480V	750W	150lm/w	3000/4000/5000/5700	70/80	10°/15°/25°/40°/80°	IP66	Ø478*508	7
RL-SPA-1000W	100~277V; 200~480V	1000W	150lm/w	3000/4000/5000/5700	70/80	10°/15°/25°/40°/80°	IP66	Ø478*508	7
RL-SPA-1250W	100~277V; 200~480V	1250W	150lm/w	3000/4000/5000/5700	70/80	10°/15°/25°/40°/80°	IP66	Ø478*508	7

Light Distribution



LED Sports Light



Features & Applications

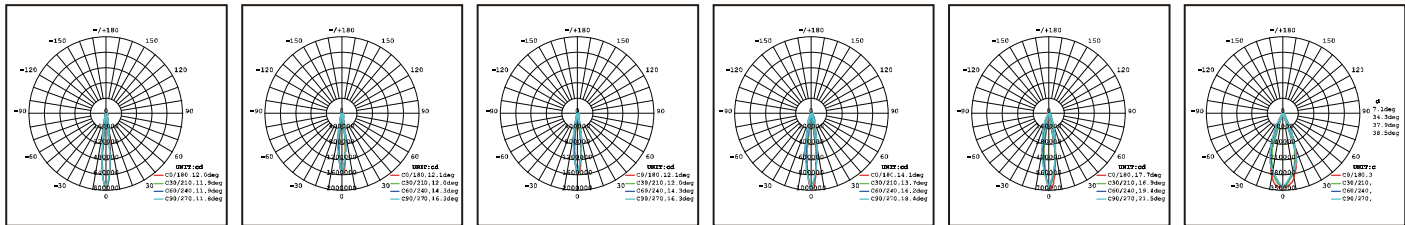
- ◆ SM5050 LED with low attenuation and long life
- ◆ For better control of the lighting area, it has a hood cut-off function, which can be rotated from 0° to 35°
- ◆ The back of the product is equipped with handle for easy installation
- ◆ Sosen or Meanwell power supply,safe,reliable and trouble free
- ◆ IP66 protection,super high waterproof and dust-proof grade
- ◆ CE,RoHS,UL compliant



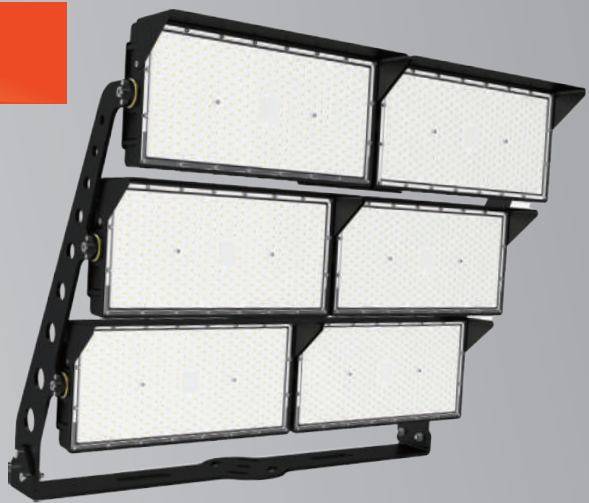
Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-SPD-500W	AC90-305V 50/60	500W	150lm/w	3000/4000/5000/5700	≥80	15°/30°/45°/60°/90°	IP66	610x463x355	5
RL-SPD-1000W	AC90-305V 50/60	1000W	150lm/w	3000/4000/5000/5700	≥80	15°/30°/45°/60°/90°	IP66	710x614x643	5
RL-SPD-1500W	AC90-305V 50/60	1500W	150lm/w	3000/4000/5000/5700	≥80	15°/30°/45°/60°/90°	IP66	715x850x910	5
RL-SPD-2000W	AC90-305V 50/60	2000W	150lm/w	3000/4000/5000/5700	≥80	15°/30°/45°/60°/90°	IP66	1198x613x613	5

Light Distribution



TR-SPI-Series



LED High Bay Light



Features & Applications

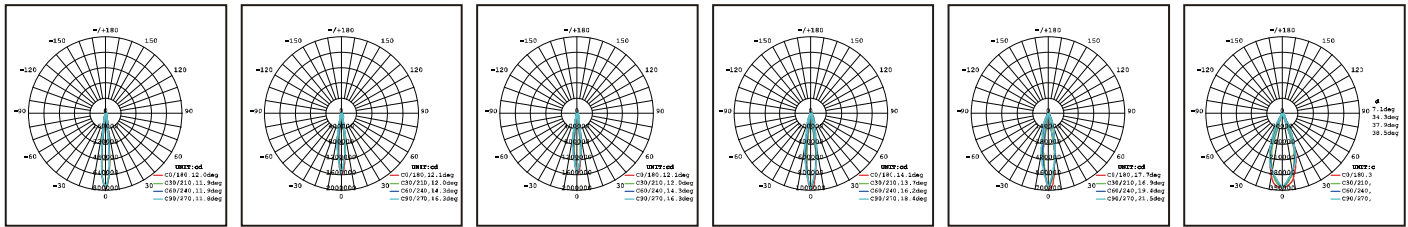
- ◆ High power SMD3030 LED with low attenuation and long life, The back of the product is equipped with handle for easy installation,;
- ◆ Meanwell power supply, safe, reliable and trouble free:
- ◆ IP66 protection, super high waterproof and dust-proof grade
- ◆ CE, RoHS, UL compliant



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-SPI-250W	AC90-305V 50/60	250W	150lm/w	3000/4000/5000/5700	≥ 80	15°/30°/45°/60°/90°	IP66	384x236x171	5
RL-SPI-500W	AC90-305V 50/60	500W	150lm/w	3000/4000/5000/5700	≥ 80	15°/30°/45°/60°/90°	IP66	392x426x294	5
RL-SPI-750W	AC90-305V 50/60	750W	150lm/w	3000/4000/5000/5700	≥ 80	15°/30°/45°/60°/90°	IP66	392x617x373	5
RL-SPI-1000W	AC90-305V 50/60	1000W	150lm/w	3000/4000/5000/5700	≥ 80	15°/30°/45°/60°/90°	IP66	765x427x294	5

Light Distribution



Features & Applications

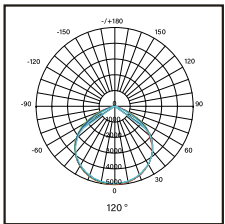
- ◆ UL/DLC/CE certificated
- ◆ Philips SMDLED
- ◆ High efficacy 130LM/W
- ◆ New private mold design lights
- ◆ AC100-277V/AC277-480V
- ◆ Meanwell and self-designed drivers optional
- ◆ Bareboard drivers closed to heat sinks, better for heat sink
- ◆ 120° beam angle optional
- ◆ 70/80/90/95 CRI optional
- ◆ IP65&IP69K, can be washed directly
- ◆ Environment temperature: -20~45 °C
- ◆ 5 years warrant



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB8G-100W	AC100-277V;277-480V	100W	130lm/w	4000/5000/5700	70	45°/90°/120°	IP65&IP69K	Φ340*120	5
RL-HB8G-150W	AC100-277V;277-480V	150W	130lm/w	4000/5000/5700	70	45°/90°/120°	IP65&IP69K	Φ340*120	5

Light Distribution



LED High Bay Light



LED High Bay Light



Features & Applications

- ◆ Efficacy : 150 LM/W
- ◆ Led brand : Phillip/SANAN
- ◆ LED Driver : ZHIHE/LIFUD
- ◆ Beam Angle : 60°/90°/120°
- ◆ IP/IK Rated : IP65/IK08
- ◆ Controls : daylight sensor/microwave
- ◆ Installation : Mounting of ring
- ◆ Warranty : 5 years

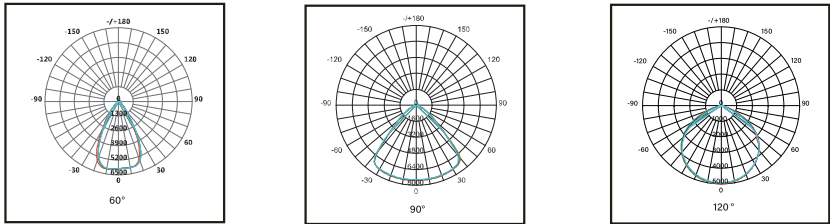


Supermarket

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Power Factor	IP	Dimensions (mm)	Warranty (Years)
RL-60	100~277V AC	60W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L330*W330*H125	5
RL-80	100~277V AC	80W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L330*W330*H125	5
RL-100	100~277V AC	100W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L330*W330*H125	5
RL-120	100~277V AC	120W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L330*W330*H125	5
RL-150	100~277V AC	150W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L330*W330*H125	5
RL-180	100~277V AC	180W	150lm/w	3000K-6500K	≥70	>0.95	IP65/IK08	L375*W375*H136	5

Light Distribution



Features & Applications

- ◆ Samsung 2835 SMD LED with low attenuation and long life
- ◆ Power can be adjusted to 100W/120W/150W/200W
- ◆ CCT can be adjusted to 3000K/4000K/6000K
- ◆ 150-210lm/W luminous efficiency
- ◆ 90%Energy saving replacement
- ◆ UL/TUV certificated power supply, safe, reliable and trouble free
- ◆ IP65 protection, super high waterproof and dustproof grade
- ◆ CE,RoHS, UL compliant

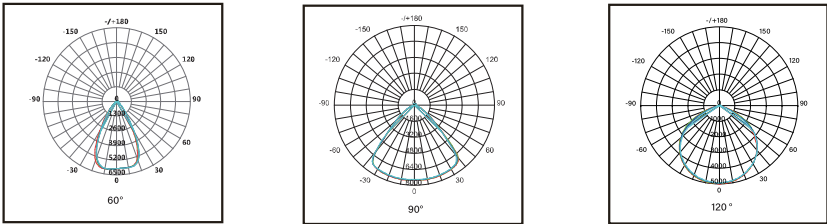


Workshop

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB11-100W	AC100-277V 50/60	100W	150-210lm/W	3000/4000/5000/5700	≥80	30/60/90/120°	IP65	235*235*185	5
RL-HB11-150W	AC100-277V 50/60	150W	150-210lm/W	3000/4000/5000/5700	≥80	30/60/90/120°	IP65	275*275*185	5
RL-HB11-200W	AC100-277V 50/60	200W	150-210lm/W	3000/4000/5000/5700	≥80	30/60/90/120°	IP65	310*310*185	5

Light Distribution





Features & Applications

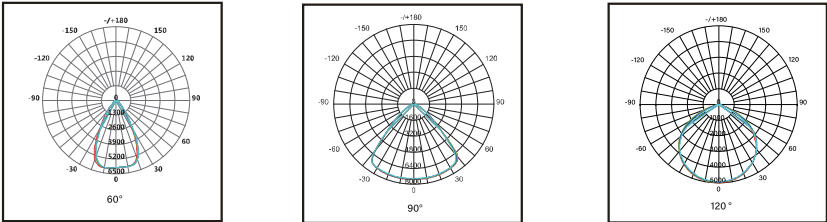
- ◆ Samsung 2835 SMD LED with low attenuation and long life;
- ◆ 100W/150W/200W available;
- ◆ Microwave sensor function optional;
- ◆ 150-210lm/W luminous efficiency optional;
- ◆ 90%Energy saving replacement;
- ◆ Lifud UL/TUV certificated power supply,safe,reliable and trouble free;
- ◆ IP65 protection,super high waterproof and dustproof grade
- ◆ CE,RoHS,UL compliant



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB12-100W	AC100-277V 50/60	100W	150-210lm/W	3000/4000/5000/5700	≥80	60/90/120°	IP65	Φ245*140	5
RL-HB12-150W	AC100-277V 50/60	150W	150-210lm/W	3000/4000/5000/5700	≥80	60/90/120°	IP65	Φ285*165	5
RL-HB12-200W	AC100-277V 50/60	200W	150-210lm/W	3000/4000/5000/5700	≥80	60/90/120°	IP65	Φ325*169	5

Light Distribution



Features & Applications

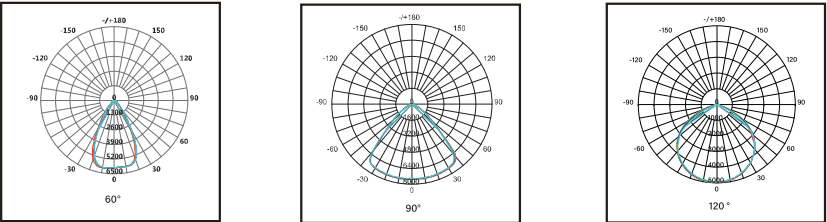
- ◆ 2835 SMD LED with low attenuation and long life
- ◆ Power can be adjusted to 100W/150W/200W/240W
- ◆ CCT can be adjusted to 3000K/4000K/5000K
- ◆ 150lm/w-210lm/w luminous efficiency
- ◆ 90% Energy saving replacement
- ◆ UL/TUV certificated power supply, safe, reliable and trouble free
- ◆ IP65 protection, super high waterproof and dustproof grade
- ◆ CE, RoHS, UL compliant.



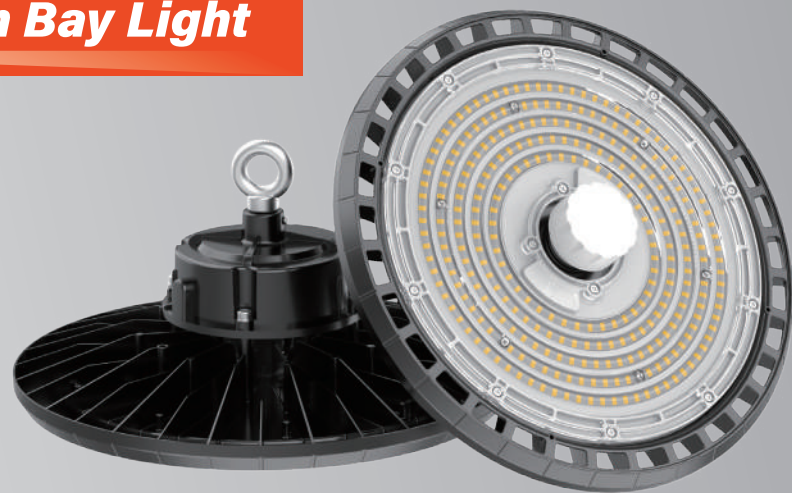
Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HBC-100W	AC100-277V 50/60	100W	150lm/w±10%	3000/4000/5000/5700	≥80	60°/90°/120°	IP65	Φ250x150	5
RL-HBC-150W	AC100-277V 50/60	150W	150lm/w±10%	3000/4000/5000/5700	≥80	60°/90°/120°	IP65	Φ290x150	5
RL-HBC-200W	AC100-277V 50/60	200W	150lm/w±10%	3000/4000/5000/5700	≥80	60°/90°/120°	IP65	Φ330x150	5

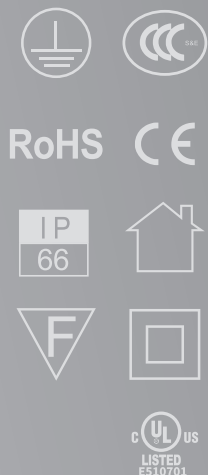
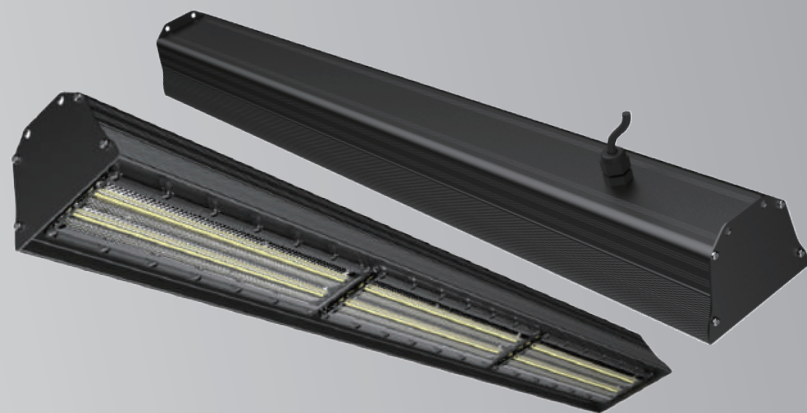
Light Distribution



LED High Bay Light



LED High Bay Light



Features & Applications

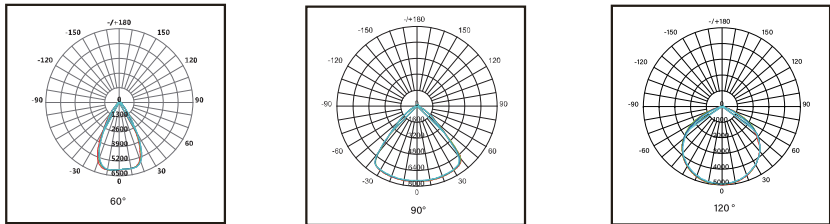
- ◆ Samsung 2835 SMD LED with low attenuation and long life
- ◆ Power can be adjusted to 100W/120W/150W/200W
- ◆ CCT can be adjusted to 3000K/4000K/6000K
- ◆ 150-210lm/W luminous efficiency
- ◆ 90% Energy saving replacement
- ◆ LIFUD/ZHIHE UL/TUV certificated power supply, safe, reliable and trouble free
- ◆ IP65 protection, super high waterproof and dustproof grade
- ◆ CE, RoHS, UL compliant



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HBE-100W	AC100-277V 50/60	100W	150lm/w±10%	3000/4000/5000/5700	≥80	30°/60°/90°/120°	IP65	Φ240x150	5
RL-HBE-150W	AC100-277V 50/60	150W	150lm/w±10%	3000/4000/5000/5700	≥80	30°/60°/90°/120°	IP65	Φ280x150	5
RL-HBE-200W	AC100-277V 50/60	200W	150lm/w±10%	3000/4000/5000/5700	≥80	30°/60°/90°/120°	IP65	Φ320x150	5

Light Distribution



Features & Applications

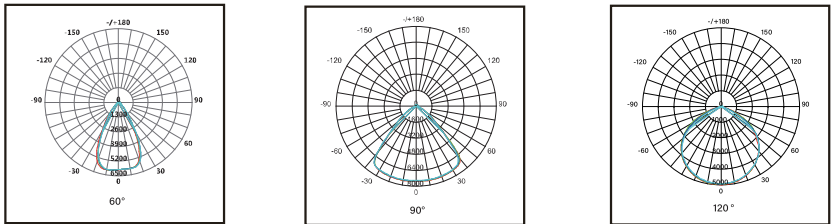
- ◆ Maximum power Up to 300W
- ◆ LED chip: Philips
- ◆ LED driver: Meanwell&Lifud&Sosen optional
- ◆ Beam angle: 45°/ 90°/110°
- ◆ IP rated: IP65
- ◆ Controls: 0-10V&Dali Dimming/Microwave/Zigbee system
- ◆ Installation: Chain
- ◆ Warranty: 5 years



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT	CRI	Beam Angle	IP	Dimensions (mm)	Warranty (Years)
RL-LHB-50W	100~277V AC	50W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	335*136*120	5
RL-LHB-100W	100~277V AC	100W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	635*136*120	5
RL-LHB-150W	100~277V AC	150W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	935*136*120	5
RL-LHB-200W	100~277V AC	200W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	1235*136*120	5
RL-LHB-250W	100~277V AC	250W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	1535*136*120	5
RL-LHB-300W	100~277V AC	300W	150lm/w	3000/4000/5000/5700K	70/80	45/90/110°	IP65	935*220*120	5

Light Distribution



LED High Bay Light



LED High Bay Light



Features & Applications

- ◆ Visual comfortable light comes from a simple contour.
- ◆ Best choice for replacing fluorescent lamps with high efficacy.
- ◆ Voltage is 120-277V & 347/480V.
- ◆ PIR sensor is optional and supports Emergency Battery.
- ◆ Standard 0-10V/1-10V dimming.
- ◆ Optional for Power Adjustable.

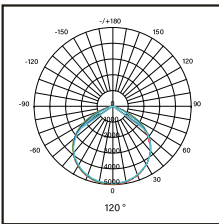


Warehouse

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB16-150	AC100-277V; 50/60Hz	150W	150lm/W	3000/4000/5000/5700	≥70	120°	IP66	360*260*54	5
RL-HB16-200	AC100-277V; 50/60Hz	200W	150lm/W	3000/4000/5000/5700	≥70	120°	IP66	460*280*54	5
RL-HB16-300	AC100-277V; 50/60Hz	300W	150lm/W	3000/4000/5000/5700	≥70	120°	IP66	585*280*54	5

Light Distribution



Features & Applications

- ◆ Visual comfortable light comes from a simple contour
- ◆ Best choice for replacing fluorescent lamps with high efficacy
- ◆ Voltage is 120-277V & 347/480V
- ◆ PIR sensor is optional and supports Emergency Battery
- ◆ Standard 0-10V/1-10V dimming
- ◆ Optional for Power Adjustable

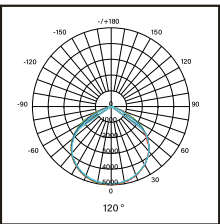
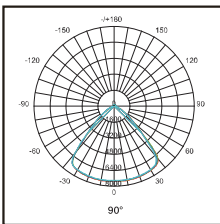
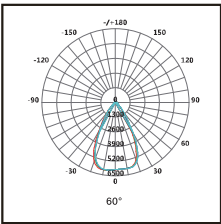


Factory

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB17-100W	AC90-305V; 50/60Hz	100W	150lm/w	3000/4000/5000/5700	≥ 80	15°/25°/40°/60°/90°	IP66	380x276x56.5	5
RL-HB17-200W	AC90-305V; 50/60Hz	200W	150lm/w	3000/4000/5000/5700	≥ 80	/40x110°/90x120°	IP66	486x276x56.5	5
RL-HB17-300W	AC90-305V; 50/60Hz	300W	150lm/w	3000/4000/5000/5700	≥ 80	/100x160°	IP66	590x286x60.5	5

Light Distribution



LED High BayLight



Features & Applications

- ◆ Power & CCT adjustable.
- ◆ High luminous efficacy, up to 200 lm/W.
- ◆ Intelligent control available, save 80% electricity cost.
- ◆ IP66 and IK10 protection grade.
- ◆ Various installation methods, flexible and convenient.

Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	Beam Angle	CCT	CRI	Product Size(mm)
RL-HB39	200V-240VAC 100V-277VAC	60W	160 lm/W 180 lm/W 200 lm/W	60° 90° 120°	3000K	Ra≥70/80	φ220*78
		100W			4000K		φ265*86
		150W			5000K		φ300*86
		200W			5700K		φ330*86
		240W			6500K		φ330*86

Applications



LED High Bay Light



Features & Applications

- ◆ High luminous efficacy, 120-130 lm/W.
- ◆ IP66 protection grade.
- ◆ Surge protection up to 3KV/6KV.
- ◆ E40 screw base optional, suitable for one-to-one replacement of fluorescent lamps.
- ◆ Certifications: CE, RoHS.

Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	Beam Angle	CCT	CRI	Product Size(mm)
RL-HB51	200V-240VAC 100V-277VAC	100W	120lm/W	60°	3000K-6500K	Ra≥80/90	φ239*50.5
		150W		90°			φ279*52
		200W		120°			φ319*53

Applications



LED High Bay Light



LED Area Light



Features & Applications

- ◆ Lumileds 2835 SMD LED with low attenuation and long life
- ◆ 110lm/W luminous efficiency
- ◆ Integrated die-casting aluminum housing+PC
- ◆ IP65 protection, super high waterproof and dustproof grade

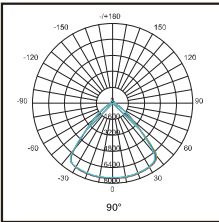


Warehouse

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-HB18-100W	AC100-270V	100W	110lm/w	3000-6500	≥ 80	90°	IP65	Φ263x26	5
RL-HB18-150W	AC100-270V	150W	110lm/w	3000-6500	≥ 80	90°	IP65	Φ305x28	5
RL-HB18-200W	AC100-270V	200W	110lm/w	3000-6500	≥ 80	90°	IP65	Φ335x32	5

Light Distribution



Features & Applications

- ◆ Die-cast aluminium body (EN 47100)
- ◆ Double layer polyester powder paint resistant to corrosion and salt spray fog.
- ◆ Silicone rubber gaskets
- ◆ AISI 316 stainless steel external screws.
- ◆ Wiring on removable galvanized steel tray.
- ◆ Driver protected against voltage surges up to 4kV.
- ◆ Screen made of 4mm thermal-shock resistant tempered glass.
- ◆ High quality LED sources characterized according to IESTM-30, with high color consistency <3SDCM and long useful life >60000 hours at L80.
- ◆ It complies with standards EN 60598-1 and EN 60598-2-3

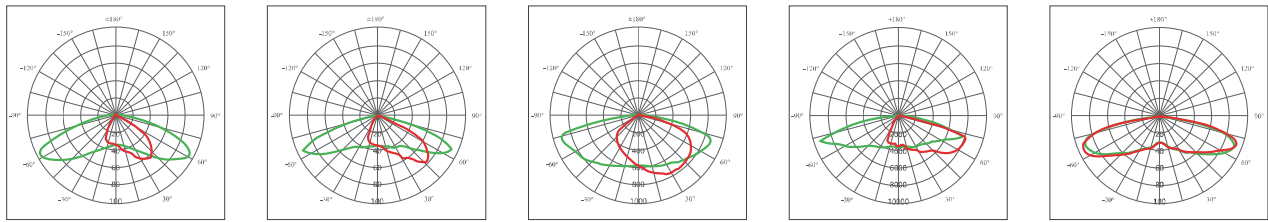


Park

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Wiring	Warranty (Years)
RL-AL03-40W	AC100-277V 50/60	40W	130lm/w	3000/4000/5000/6500	80	110°	IP65	ON/OFF	5
RL-AL03-70W	AC100-277V 50/60	70W	130lm/w	3000/4000/5000/6500	80	110°	IP65	ON/OFF	5
RL-AL03-100W	AC100-277V 50/60	100W	130lm/w	3000/4000/5000/6500	80	110°	IP65	ON/OFF	5

Light Distribution



LED Area Light



LED Area Light



Features & Applications

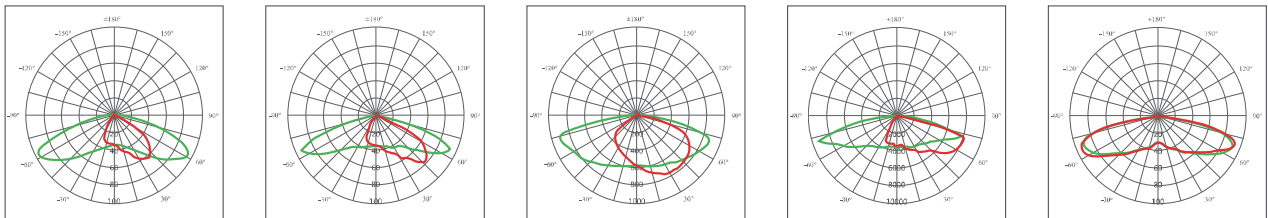
- ◆ Die-cast aluminium body (EN 47100)
- ◆ Double layer polyester powder paint resistant to corrosion and salt spray fog.
- ◆ Silicone rubber gaskets
- ◆ AISI 316 stainless steel external screws.
- ◆ Wiring on removable galvanized steel tray.
- ◆ Driver protected against voltage surges up to 4kV.
- ◆ Screen made of 4mm thermal-shock resistant tempered glass.
- ◆ High quality LED sources characterized according to IESTM-30, with high color consistency <3SDCM and long useful life >60000 hours at L80.
- ◆ It complies with standards EN 60598-1 and EN 60598-2-3



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-AL05-70W	100-277V Meanwell	70W	130lm/w	3000/4000/5000/6500	80	T2,T3, T4,T5	IP66	Φ380*460	5
RL-AL05-100W	100-277V Meanwell	100W	130lm/w	3000/4000/5000/6500	80	T2,T3, T4,T5	IP66	Φ380*460	5

Light Distribution



Features & Applications

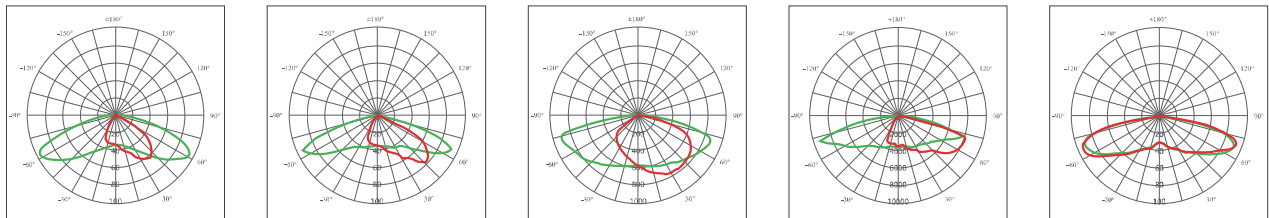
- ◆ Tool-free maintenance
- ◆ Die-cast aluminium body (EN 47100)
- ◆ Double layer polyester powder paint resistant to corrosion and salt spray fog.
- ◆ Silicone rubber gaskets
- ◆ AISI 316 stainless steel external screws.
- ◆ Wiring on removable galvanized steel tray.
- ◆ Driver protected against voltage surges up to 4kV.
- ◆ Screen made of 4mm thermal-shock resistant tempered glass.
- ◆ High quality LED sources characterized according to IESTM-30, with high color consistency <3SDCM and long useful life >60000 hours at L80.
- ◆ It complies with standards EN 60598-1 and EN 60598-2-3



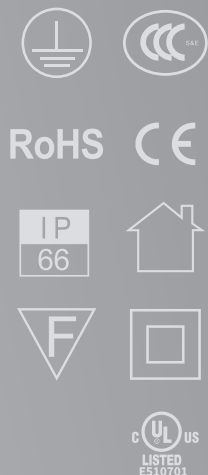
Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Wiring	Warranty (Years)
RL-AL08-40W	100-277V Meanwell	40W	130lm/w	3000/4000/5000/6500	80	T2,T3,T4,T5	IP66	ON/OFF	5
RL-AL08-70W	100-277V Meanwell	70W	130lm/w	3000/4000/5000/6500	80	T2,T3,T4,T5	IP66	ON/OFF	5
RL-AL08-100W	100-277V Meanwell	100W	130lm/w	3000/4000/5000/6500	80	T2,T3,T4,T5	IP66	ON/OFF	5

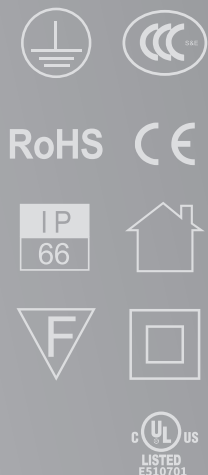
Light Distribution



LED Area Light



LED Area Light



Features & Applications

- ◆ Die-cast aluminium body (EN 47100)
- ◆ Double layer polyester powder paint resistant to corrosion and salt spray fog.
- ◆ Silicone rubber gaskets
- ◆ AISI 316 stainless steel external screws.
- ◆ Wiring on removable galvanized steel tray.
- ◆ Driver protected against voltage surges up to 4kV.
- ◆ Screen made of 4mm thermal-shock resistant tempered glass.
- ◆ High quality LED sources characterized according to IESTM-30, with high color consistency <3SDCM and long useful life >60000 hours at L80.
- ◆ It complies with standards EN 60598-1 and EN 60598-2-3



Park

Features & Applications

- ◆ Pure Aluminum housing
- ◆ Black color coating
- ◆ With lens
- ◆ IP65 waterproof

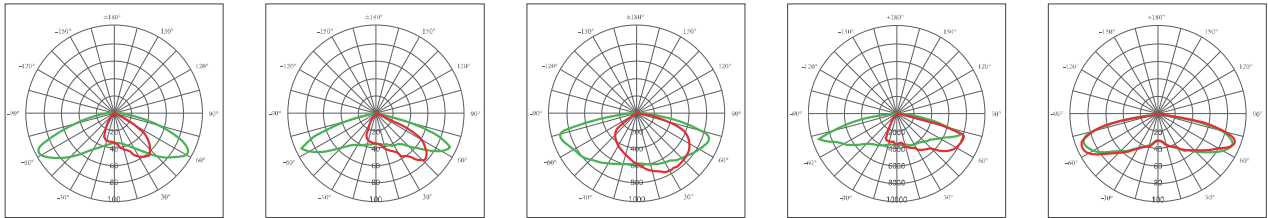


Park

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-AL09-40W	AC100-277V 50/60	40W	130lm/w	3000/4000/5000/5700	70/80	T2/T3/T4/T5	IP66	Φ75	5
RL-AL09-70W	AC100-277V 50/60	70W	130lm/w	3000/4000/5000/5700	70/80	T2/T3/T4/T5	IP66	Φ75	5
RL-AL09-100W	AC100-277V 50/60	100W	130lm/w	3000/4000/5000/5700	70/80	T2/T3/T4/T5	IP66	Φ60	5

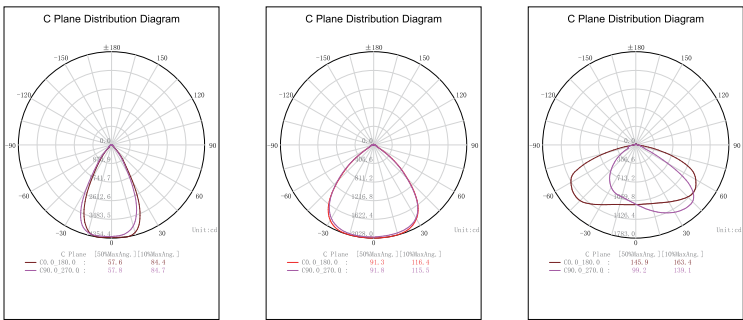
Light Distribution



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT (K)	CRI	Optical angle	IP	Dimensions (mm)	Warranty (Years)
RL-AL12-30W	AC100-270V	30W	130lm/w	3000/4000/5000/5700K	70/80	90°	IP66	Φ263x26	5
RL-AL12-40W	AC100-270V	40W	130lm/w	3000/4000/5000/5700K	70/80	90°	IP66	Φ305x28	5
RL-AL12-50W	AC100-270V	50W	130lm/w	3000/4000/5000/5700K	70/80	90°	IP66	Φ335x32	5

Light Distribution



LED Flood Light



LED Flood Light



Features & Applications

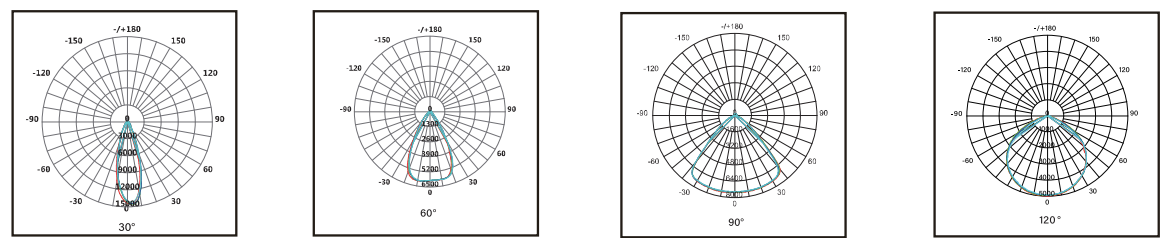
- ◆ AC85-265V universal voltage
- ◆ Luminous efficacy up to 100-110LM/W
- ◆ 3030 high-brightness SMD lamp beads.LM-80 report and .ies files are complete
- ◆ PF>0.9
- ◆ Die-cast aluminumlamp body, Akzo high-grade anti-corrosion coating.
- ◆ IP65 outdoor structural waterproof
- ◆ 2 years reliable warranty
- ◆ A full set of export certification is complete



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	Body Material	CRI	Beam Angle	IP	Dimensions (mm)	Warranty (Years)
RL-50W	100~277V AC	50W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	224*259.1*43.5	2
RL-100W	100~277V AC	100W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	269*305.4*48.5	2
RL-150W	100~277V AC	150W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	321.4*360.3*53.5	2
RL-200W	100~277V AC	200W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	350.7*403.2*56.5	2
RL-300W	100~277V AC	300W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	407.3*464.6*58.5	2
RL-400W	100~277V AC	400W	150lm/w	Die-casting Aluminum	≥70	30/60/90°	IP65	507*474.7*63.5	2

Light Distribution



Features & Applications

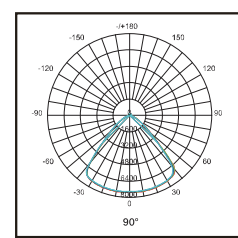
- ◆ Lumileds 2835 SMD LED with low attenuation and long life
- ◆ 100lm/ luminous efficiency
- ◆ Integrated die-casting aluminum housing+tempered glass, Ik06 protection;
- ◆ Motion and daylight sensor fuction
- ◆ IP65 protection, super high waterproof and dustproof grade



Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT	CRI	Beam Angle	IP	Dimensions (mm)	Warranty (Years)
RL-FL07-10W	220-240V AC	10W	100lm/w	3000K	≥70	60/90/120°	IP65	125*105*23	3
RL-FL07-20W	220-240V AC	20W	100lm/w	3000K	≥70	60/90/120°	IP65	145*125*23	3
RL-FL07-30W	220-240V AC	30W	100lm/w	3000K	≥70	60/90/120°	IP65	180*148*26	3
RL-FL07-50W	220-240V AC	50W	100lm/w	3000K	≥70	60/90/120°	IP65	227*185*26	3
RL-FL07-100W	220-240V AC	100W	100lm/w	3000K	≥70	60/90/120°	IP65	290*235*30	3
RL-FL07-150W	220-240V AC	150W	100lm/w	3000K	≥70	60/90/120°	IP65	355*272*33	3
RL-FL07-200W	220-240V AC	200W	100lm/w	3000K	≥70	60/90/120°	IP65	403*308*35	3

Light Distribution



LED Flood Light



Features & Applications

- ◆ Lumen efficacy up to 160lm/W
- ◆ Breathing valve balances internal and external pressure to ensure longer lamp lifetime.
- ◆ The protection level reaches IP66.
- ◆ Woven tempered glass optional to reduce glaring.

Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	Beam Angle	CCT	CRI	Product Size(mm)
RL-3715	200V-240VAC 100V-277VAC	30W	120lm/W 160lm/W	120°	2700K 4000K 5000K 5700K 6500K	Ra≥70/80	195*190*28
		50W					255*230*40
		100W					290*255*45
		150W					345*310*45
		200W					395*340*50
		300W					510*430*45
		400W					

Applications



LED Flood Light



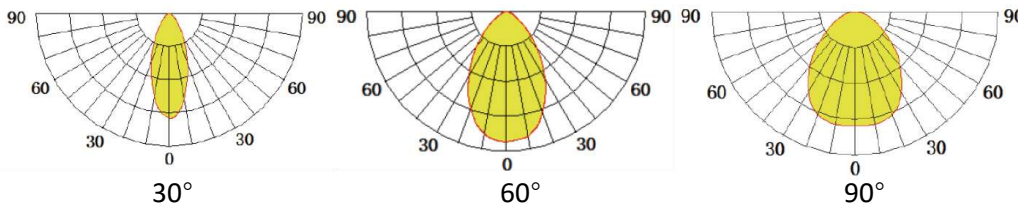
Features & Applications

- ◆ Excellent heat dissipation: Adopting an integrated die-casting structure and thickened aluminum heat dissipation fins, ensuring the stable operation of the lamp in high-load environments.
- ◆ Stabilization: The bracket design combines a gear snap positioning structure, enabling precise adjustment and multi-angle locking of the lamp body. Even under intense vibration or high-altitude wind pressure, it remains firmly fixed without loosening or slipping.
- ◆ High protection level: IP66+IK10+10KV, resistant to heavy rain erosion, effectively preventing external impacts and collisions, and protecting against lightning strikes and voltage fluctuations, enhancing the overall stability and service life of the project.

Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	CCT	CRI	Product Size(mm)
RL-3621	200V-240VAC 50/60Hz	100/150W	160lm/W 180 lm/W	3000K- 5700K	Ra≥70	265*335*100
RL-3622		200/300W				318*335*100
RL-3633		300/400W				424*335*100

Light Distribution



LED Flood Light



Features & Applications

- ◆ Lumileds 2835 SMD LED with low attenuation and long life
- ◆ 100lm/ luminous efficiency
- ◆ Integrated die-casting aluminum housing+tempered glass, Ik06 protection;
- ◆ Motion and daylight sensor fuction
- ◆ IP65 protection, super high waterproof and dustproof grade

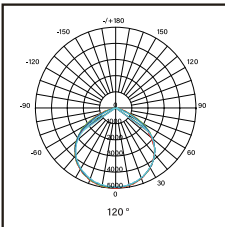


Outdoor walls

Product Parameters

Part Number	Input Voltage	Wattage	Luminous efficacy	CCT	CRI	Beam Angle	IP	Dimensions (mm)	Warranty (Years)
RL-FL13-10W	220-240V AC	10W	95-100lm/w	3000/4000/6500K	80	100°	IP65	84*75*25	2
RL-FL13-20W		20W						116*98*25	
RL-FL13-30W		30W						146*119*25	
RL-FL13-50W		50W						179*138*25	
RL-FL13-70W		70W						215*159*25	
RL-FL13-100W		100W						256*181*30	
RL-FL13-150W		150W						300*210*30	
RL-FL13-200W		200W						340*244*30	

Light Distribution



LED Street Light



Features & Applications

- ◆ Streamline Shape,Anti-wind
- ◆ Adc12 Diecasting Aluminum Body
- ◆ Compatible With 3030 SMD
- ◆ Horizontal/vertical Installation
- ◆ Optional With Sensor
- ◆ IP65 Waterproof For Outdoor Use
- ◆ Precision Road Lighting Distributions

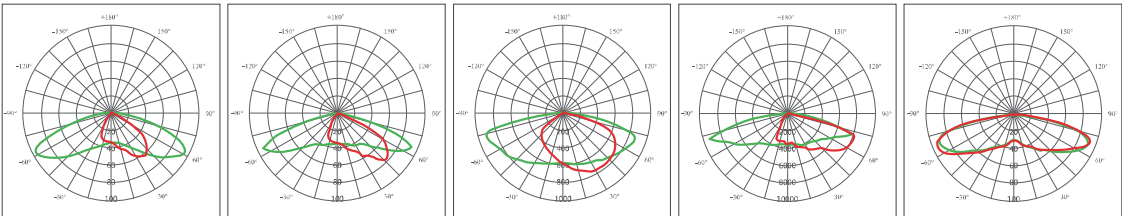


Street

Product Parameters

Part Number	Wattage	Dimensions (mm)	CCT (K)	Light Source	Working Temp.	Pole Dia
RL-SL13	50W	180*86*513	3000-6500	SMD3030	-35℃ to 50℃	60mm
RL-SL13	100W	206*84*613	3000-6500	SMD3030	-35℃ to 50℃	60mm
RL-SL13	150W	279*87.5*633	3000-6500	SMD3030	-35℃ to 50℃	60mm
RL-SL13	200W	309*89*776	3000-6500	SMD3030	-35℃ to 50℃	60mm

Light Distribution



LED Street Light



Features & Applications

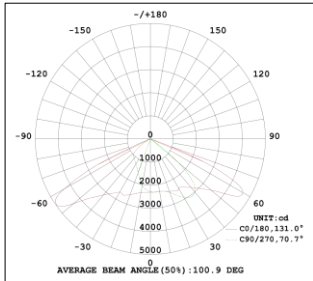
- ◆ Flat honeycomb design, integrated die-casting AL.
- ◆ High luminous efficacy, up to 180lm/W.
- ◆ Use professional anti-glare full cut-off light distribution:T2
- ◆ 0-10V dimming / time control / light sensor / IOT control available.
- ◆ Angle of mounting shaft can be installed and adjusted 90°/180°(±15°).
- ◆ The ingress protection rating reaches IP67.



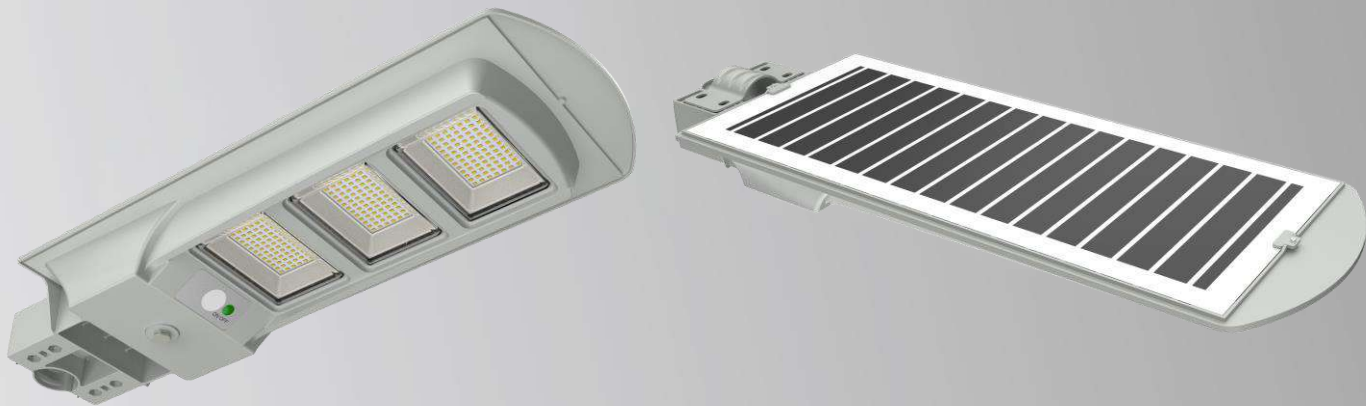
Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	CCT	CRI	Product Size(mm)
RL-SG10	100V-277VAC 50/60Hz	30/40W	140-180 lm/W	3000K- 6000K	Ra≥70/8 0	477*133*88
		50/60W				467*175*88
		75W				518*200*88
		100/120W				564*221*88
		150/180W				642*241*88
		200/240W				740*276*88

Light Distribution



LED Solar Light



Features & Applications

- ◆ Auto-Sunlight control & motion sensing: Solar lights outdoor auto-charging in sunlight and illuminating in dusk.
- ◆ Fast charging: Solar street light with polycrystalline silicon photovoltaic panel, with high energy conversion, can be fully charged in 12 hours.
- ◆ Long working time: Large-capacity LFP battery ensures long working time at night, 8-12 hours.
- ◆ The ingress protection rating reaches IP66.

Product Parameters

Model	Power	Solar Panel	Battery Capacity	Luminous Efficacy	Beam Angle	CCT	CRI	Product Size(mm)
RL-SSL601	8W	4.5V 6W	5800mAh	150 lm/W 180 lm/W	110°	3000K	Ra≥70	413*210*69
	16W	4.5V 8W	11600mAh			4000K		516*226*70
	24W	4.5V 12W	17400mAh			5000K		633*241*74

Applications



Side Road



Park Path

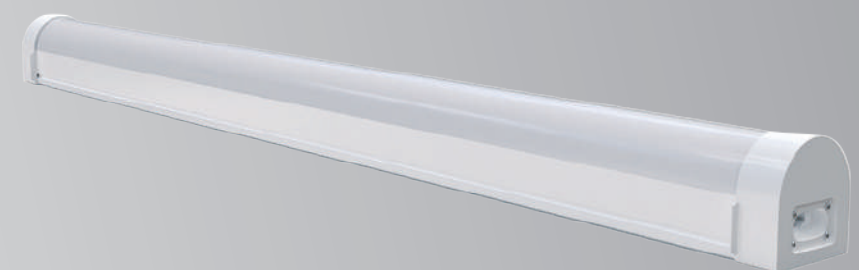


Residential district

LED Solar light



LED Tri-Proof Light



Features & Applications

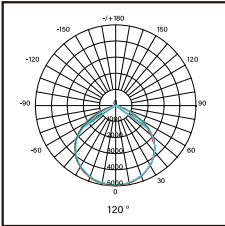
- ◆ High Brightness: With 2835 and 5050 LED options,it provides exceptionally bright illumination
- ◆ Energy-Efficient: Its lithium battery ensures efficient energy storage and usage.
- ◆ Eco-Friendly: Runs on clean solar energy, reducing environmental impact.
- ◆ Low Maintenance: Requires minimal upkeep, saving time and costs.
- ◆ Customizable: Tailor it to your specific needs with various options.
- ◆ Dependable Performance: Engineered for reliable



Product Parameters

Part Number	Wattage	Luminous	Solar Panel	LIFEPO4 batter	CCT	Lighting Time
RL-SSLA04-20W	20W	2000lm	20W 5V	15AH 3.2V	3000-6000K	4-5 rainy days
RL-SSLA04-30W	30W	6000lm	30W 5V	30AH 3.2V	3000-6000K	4-5 rainy days
RL-SSLA04-40W	40W	8000lm	60W 10V	80AH / 3.2V	3000-6000K	4-5 rainy days
RL-SSLA04-60W	60W	12000lm	80W 10V	60AH /6.4V	3000-6000K	4-5 rainy days
RL-SSLA04-80W	80W	16000lm	150W 18V	60AH /12.8V	3000-6000K	4-5 rainy days
RL-SSLA04-100W	100W	20000lm	180W 18V	72AH /12.8V	3000-6000K	4-5 rainy days

Light Distribution



Features & Applications

- ◆ Seamless daisy-chain to 50meters
- ◆ IP66 &IK08 protection
- ◆ Optical lens 60°optional
- ◆ AC100-277V Full Voltage & Flicker-Free < 1%
- ◆ Compliant to EL Emergency for Centralized Control
- ◆ DALI2.0 Dimming & Microwave sensor 5.8G optional
- ◆ External replaceable batteries pack design
- ◆ 140-185lm/W optional
- ◆ Multiple applications in industrial production, warehouse, parking garages, subway stations, storage facilities, supermarket, etc.

Product Parameters

Part Number	Function	Input Voltage	Wattage	Lumen efficiency	CCT (K)	CRI	Beam angle	IP	Dimensions (mm)	Warranty (Years)
RL-LN2FT18-MMK-X	Standard Version	220-240V AC	18W	140lm/W	3000K/ 4000K/ 5000K/ 6000K	80	120° PC cover	IP66	600x68x78	3
RL-LN4FT36-MMK-X			36W						1200x68x78	
RL-LN5FT54-MMK-X			54W						1500x68x78	
RL-2FT18-MMK-P	Pro Vision		18W	165lm/W					600x68x78	
RL-4FT36-MMK-P			36W						1200x68x78	
RL-5FT54-MMK-P			54W						1500x68x78	
RL-2FT18-MMK-M	Max.Vision		18W	185lm/W					600x68x78	
RL-4FT36-MMK-M			36W						1200x68x78	
RL-5FT54-MMK-M			54W						1500x68x78	
RL-2FT18-MMK-D	0-10V Dimming		18W	185lm/W					600x68x78	
RL-4FT36-MMK-D			36W						1200x68x78	
RL-5FT54-MMK-D			54W						1500x68x78	
RL-2FT18-MMK-DA	DALI12.0		18W	185lm/W					600x68x78	
RL-4FT36-MMK-DA			36W						1200x68x78	
RL-5FT54-MMK-DA			54W						1500x68x78	
RL-2FT18-MMK-E	Emergency		18W	185lm/W					600x68x78	
RL-4FT36-MMK-E			36W						1200x68x78	
RL-5FT54-MMK-E			54W						1500x68x78	



LED Tri-Proof Light



LED Tri-Proof Light



Features & Applications

- ◆ IP65&IK10 protection
- ◆ Microwave sensor 5.8G+ Remote control
- ◆ Microwave sensor+Emergency 3 hours integrated design
- ◆ DALI2.0 Dimming
- ◆ 0-10V dimming to 60meters
- ◆ CCT&Power adjustable by DIP switch
- ◆ 140-160lm/W optional
- ◆ Multiple applications in industrial production, warehouse, parking garages, subway stations, storage facilities, supermarket, etc

Product Parameters

Part Number	Input Voltage	Wattage	Lumen efficiency	CCT (K)	CRI	Beam angle	IP	Dimensions (mm)	Warranty (Years)
RL-2FT20-MMK-X	220-240V AC	20W	140lm/W	3000K/	80	120° PC cover	IP65	600x95x82	3
RL-4FT40-MMK-X		40W		4000K/				1200x95x82	
RL-5FT60-MMK-X		60W		5000K/				1500x95x82	
RL-2FT20-MMK-X		20W	160lm/W	6000K				600x95x82	
RL-4FT40-MMK-X		40W						1200x95x82	
RL-5FT60-MMK-X		60W						1500x95x82	

Features & Applications

- ◆ IP66&IK10 protection
- ◆ Xitanium Dip Switch Aux+Dim driver
- ◆ PIR sensor&Microwave sensor optional
- ◆ Emergency 3 hours optional
- ◆ Flicker-Free
- ◆ 120-140lm/W optional
- ◆ Multiple applications in industrial production, warehouse, parking garages, subway stations, storage facilities, supermarket, etc.



Supermarket

Product Parameters

Part Number	Function	Input Voltage	Wattage	Lumen efficiency	CCT (K)	CRI	Beam angle	IP	Dimensions (mm)	Warranty (Years)
RL-2FTZZ-MMK-N	Standard Version	220-240V AC	20W	120lm/W	3000K/ 4000K/ 5000K/ 6000K	80	120° PC cover	IP65	600x83x72	3
RL-4FTZZ-MMK-N			40W						1200x83x72	
RL-5FTZZ-MMK-N			60W						1500x83x72	
RL-2FTZZ-MMK-X	Extra Version		20W	140lm/W					600x83x72	
RL-4FTZZ-MMK-X			40W						1200x83x72	
RL-5FTZZ-MMK-X			60W						1500x83x72	
RL-2FTZZ-MMK-P	Pro Version		20W	160lm/W					600x83x72	
RL-4FTZZ-MMK-P			40W						1200x83x72	
RL-5FTZZ-MMK-P			60W						1500x83x72	
RL-2FTZZ-MMK-S	Sensor MC004-S02		20W	140lm/W					600x83x72	
RL-4FTZZ-MMK-S			40W						1200x83x72	
RL-5FTZZ-MMK-S			60W						1500x83x72	

LED Tri-proof Light



Features & Applications

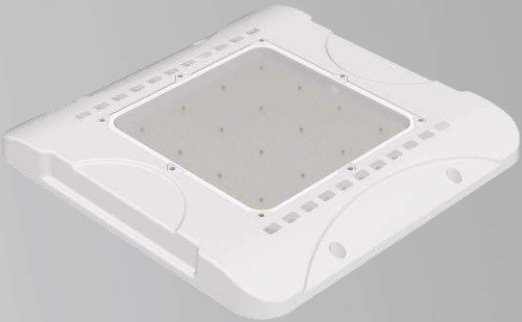
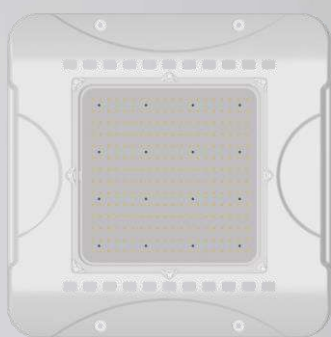
- ◆ Linkable solution, tool-free end to end fast connection Daisy-chain up to 30 pieces
- ◆ Radar sensor optional
- ◆ Operating in -40°C cold weather, can be used in cold storage.
- ◆ CCT&Power adjustable by DIP switch
- ◆ 120-160lm/W optional
- ◆ Multiple applications in industrial production, warehouse, parking garages, subway stations, storage facilities, supermarket, etc.
- ◆ IP65&IK08 protection, 3 years warranty.



Product Parameters

Part Number	Function	Input Voltage	Power	Beam Angle	CCT	CRI	Product Size(mm)
RL-2FT18-MMK-N	Standard Version	200V-240VAC 50/60Hz	18W	120° PC Cover	3000K 4000K 5000K 6000k	Ra≥80	600*95*82
RL-4FT36-MMK-N			36W				1200*95*82
RL-5FT54-MMK-N			54W				1500*95*82
RL-2FT18-MMK-X	Extra Version		18W				600*95*82
RL-4FT36-MMK-X			36W				1200*95*82
RL-5FT54-MMK-X			54W				1500*95*82
RL-2FT14-MMK-X	CCT&Power Adjustable		14/16/18/20W				
RL-4FT25-MMK-X			25/30/35/40W				
RL-5FT42-MMK-X			42/48/54/60W				

LED Canopy Light



Features & Applications

- ◆ Industrial Quality: Solid die-casting aluminum housing and durable powder coating paint provide superior quality against wear, fade and corrosion.
- ◆ Bright With 80% Energy Savings.
- ◆ Sturdy Performance: Solid die-casting aluminum housing, advanced LEDs with 50,000 hours lifetime, built-in rubber gasket and IP65 waterproof & dustproof certification make this commercial canopy light be the best choice for any applications.

Product Parameters

Model	Input Voltage	Power	Luminous Efficacy	CCT	CRI	Product Size(mm)
RL-CNP	100V-277VAC 50/60Hz	100W	130 lm/W	3000K- 6000K	Ra≥70	420*420*67
		150W				420*420*67
		200W				540*540*67
		240W				540*540*67

