



Outdoor & Industrial Lighting Catalog



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EDISON



Edison Opto was founded in October 2001, by our chairman Jason Wu. The company is headquartered in Zhonghe, New Taipei City, Taiwan. With decades of research and development experience, we focus on the following: design and manufacture of high power LED and various LED lighting application modules, optical fiber communication transmission, light sensing components, automotive LED and other photoelectric products.

In order to provide our customers with a complete development process, Edison has established a platform of thermal, electrical, mechanical and optical (TEMO) technology and design services, and is committed to improving product quality and yield. Lighting Design Manufacturing Service (LDMS) is the first integrated LED design service, from components to modules, optical design to lighting manufacturing, established vertical customized solutions, and to provide perfect customer service value.

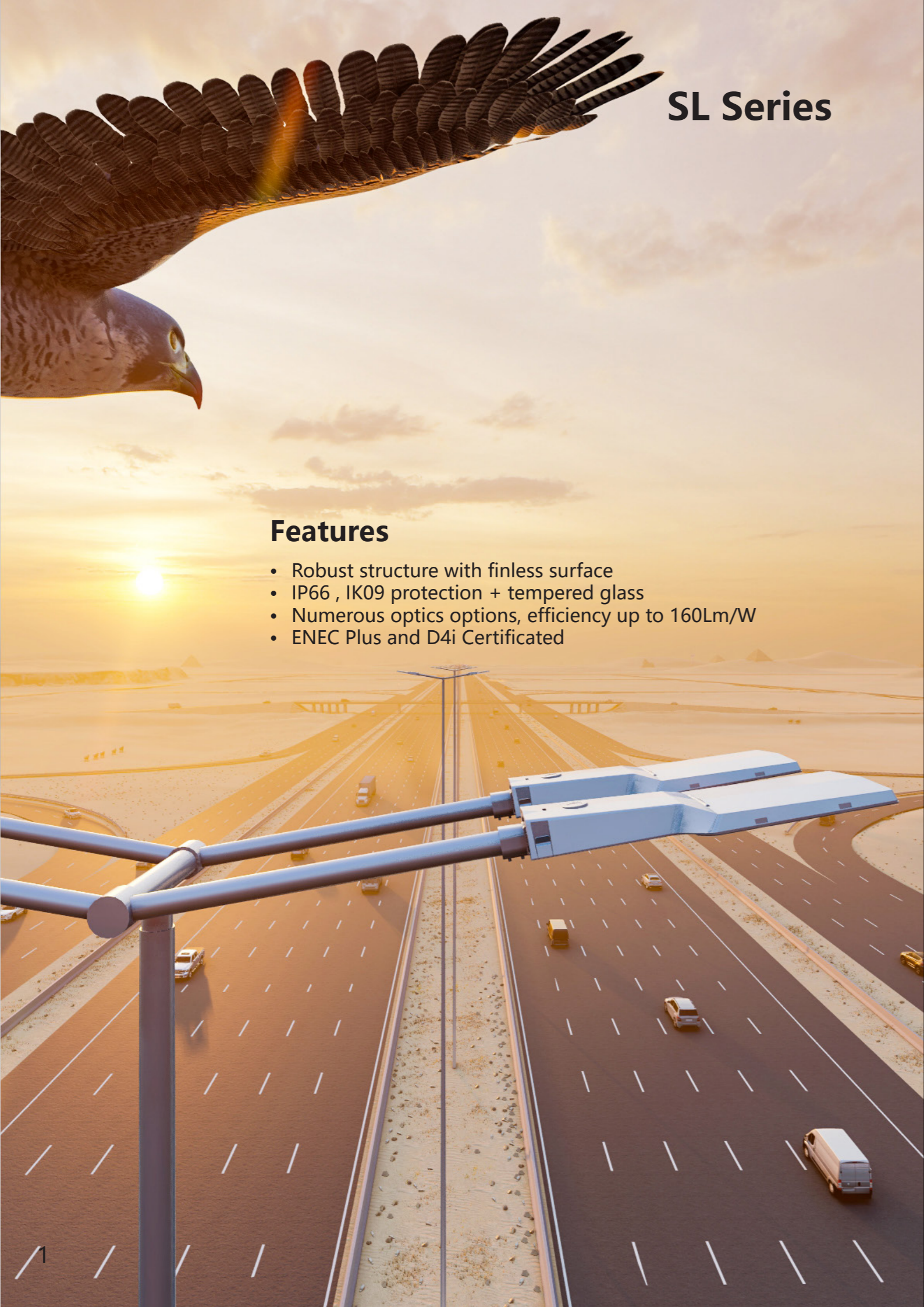
Today, Edison has been based in Taiwan for 20 years, and its manufacturing base has expanded to Dongguan and Yangzhou in mainland China. In addition, it has set up subsidiaries in North America, and its business covers European and American markets. It has obtained ISO 9001 and ISO 14001 international quality and environmental management system certifications, and has passed the IATF 16949 verification of the automobile supply chain, meeting the needs of EMS quality management and development.



SL Series

Features

- Robust structure with finless surface
- IP66 , IK09 protection + tempered glass
- Numerous optics options, efficiency up to 160Lm/W
- ENEC Plus and D4i Certificated

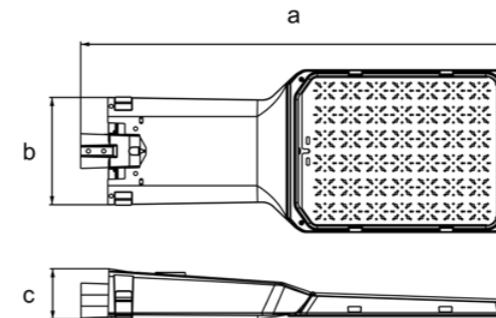




Key Characteristic

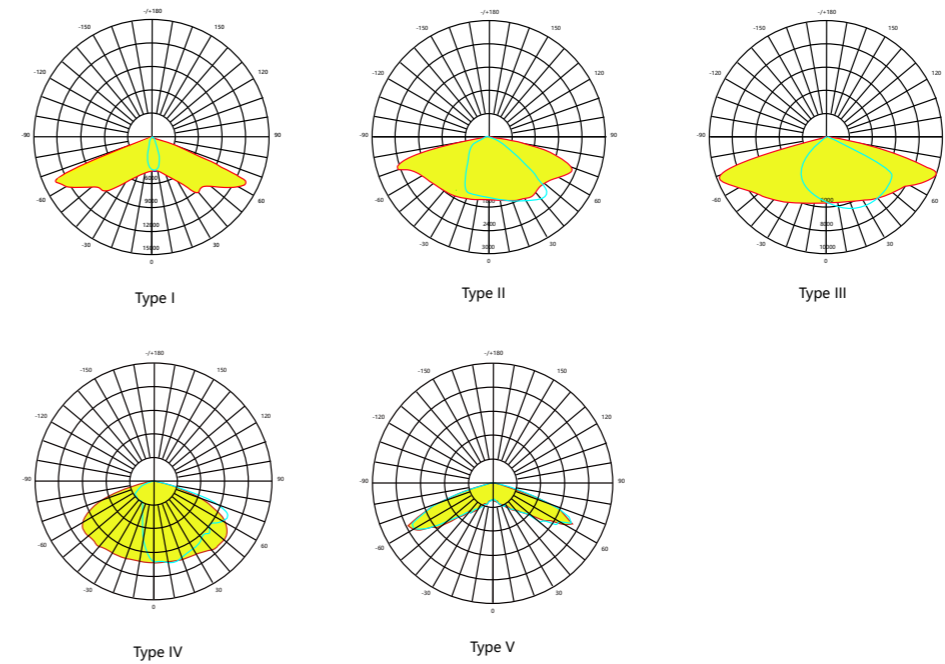
Item	SL1	SL2	SL4	SL6
Power(W)	40/60W	100/120W	150/180W	240/300W
Voltage	220-240Vac, or 100-240Vac			
CCT(K)	2200-5700K			
Efficiency (Lm/W)	140Lm/W (Up to 160Lm/W) at CRI:70 4000K			
Light Distribution	Type I/II/III/IV/V			
Protection Grade	IP66/IK09 5/10KV			
Protection Warranty	5 years			

Dimensions



SL1	a514*b210*c111mm
SL2	a578*b235*c95mm
SL4	a770*b235*c95mm
SL6	a895*b340*c107mm

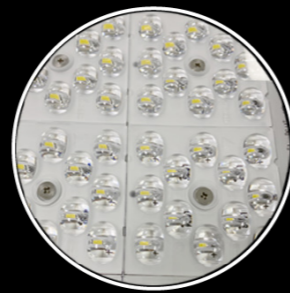
Light Distribution





Photometric Flexibility

Various optics for SMD3030 or 5050, and optics replaceable on site.

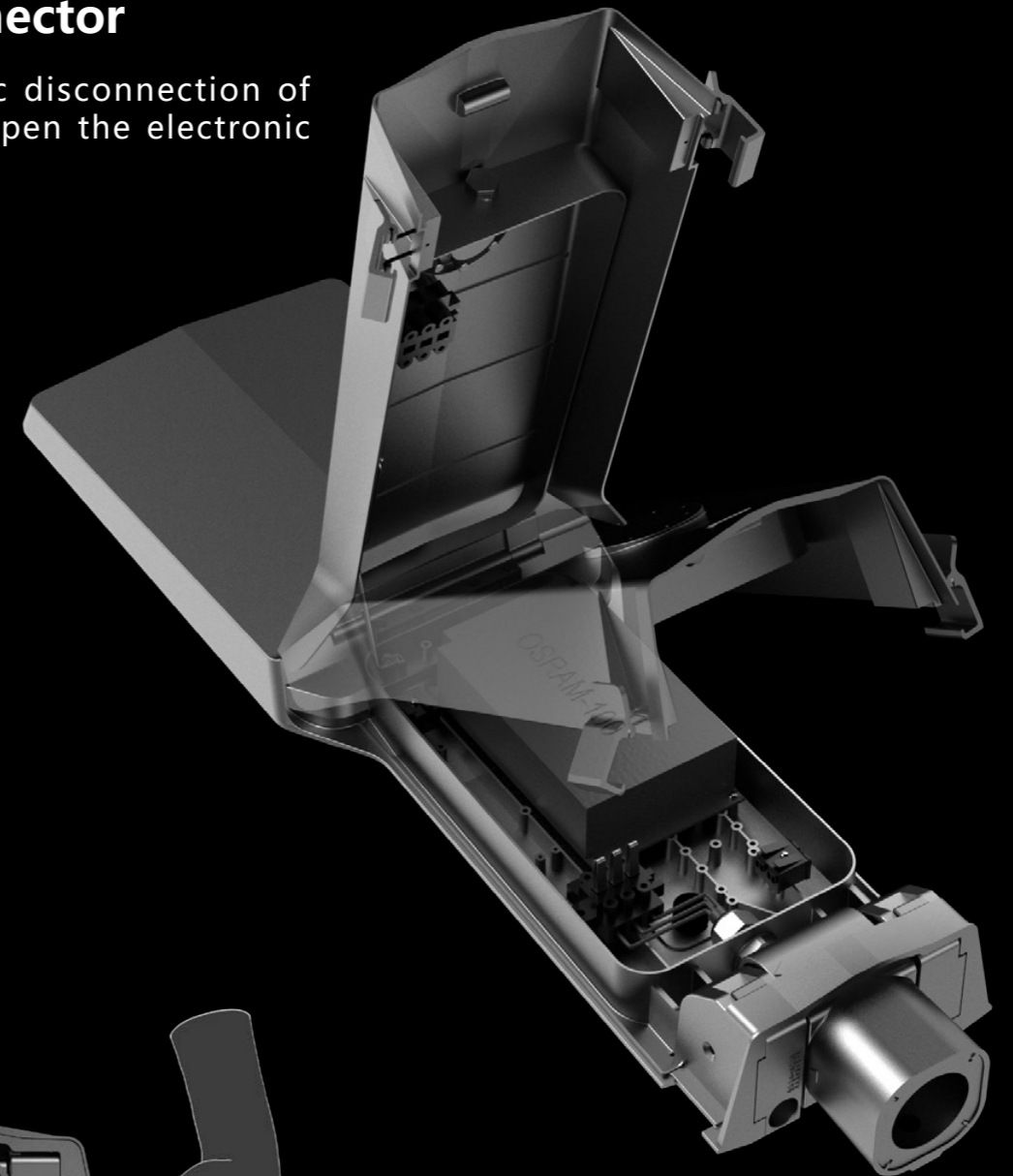


Finless Surface Design

A sleek, finless surface design revolutionizes heat management without the need for traditional fins.

Electric Disconnect

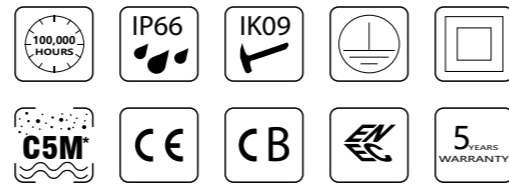
Immediate, automatic disconnection of power supply when open the electronic compartment



Free tool Maintenance

Tool-free and upside Opening for easy access to the electric compartment.

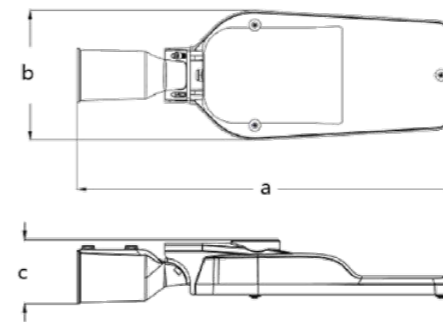
SG Series



Key Characteristic

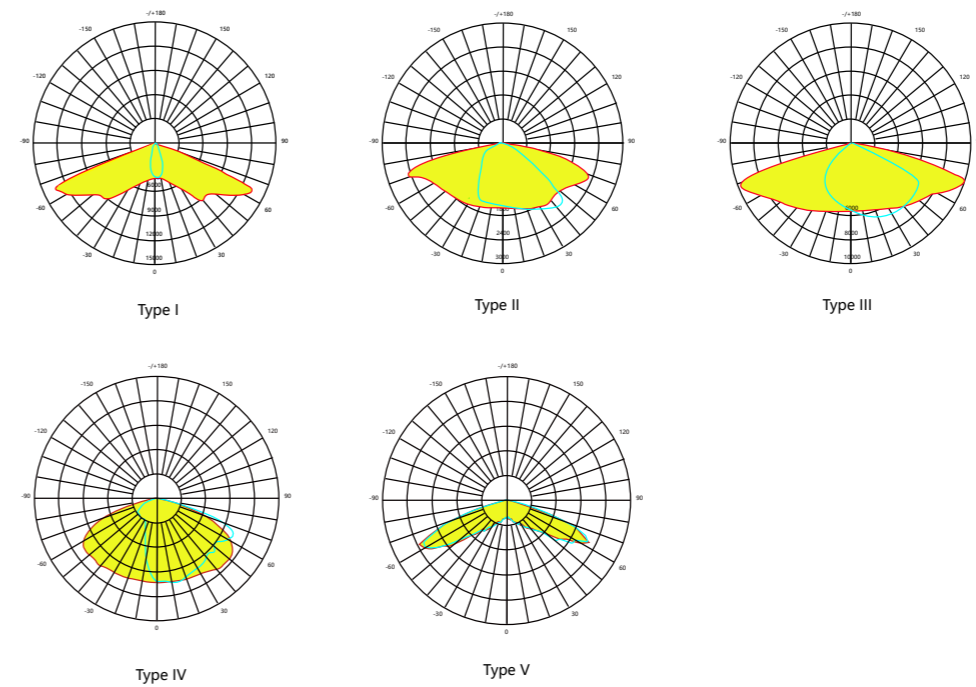
Item	SG1	SG2
Power(W)	40/60W	80/100W
Voltage	220-240Vac, or 100-240Vac	
CCT(K)	2200-5700K	
Efficiency (Lm/W)	140Lm/W (Up to 160Lm/W) at CRI:70 4000K	
Light Distribution	Type I/II/III/IV/V	
Protection Grade	IP66/IK09 5/10KV	
Protection Warranty	5 years	

Dimensions



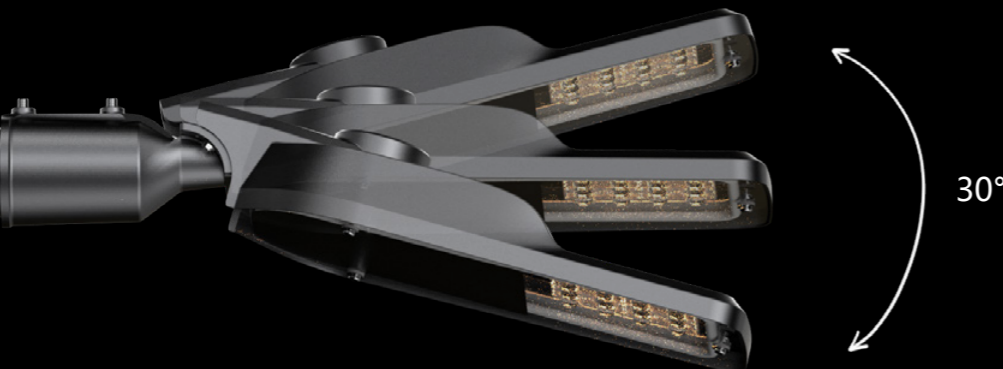
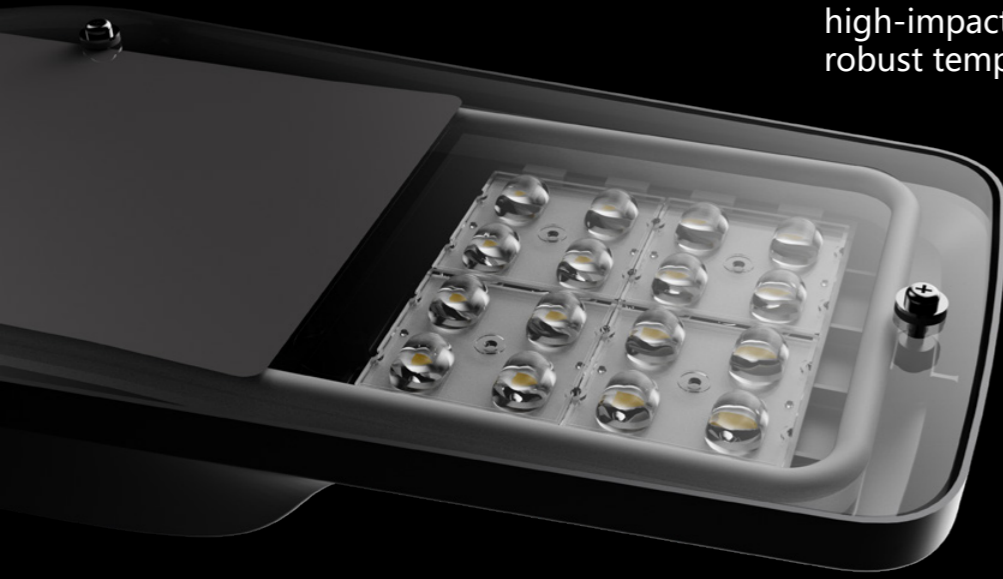
SG1	a520*b180*c95mm
SG2	a673*b196*c95mm

Light Distribution



Durable Design

SG features an IP66 rating for superior dust water resistance, IK09-rated for high-impact durability, and is shielded by robust tempered glass.



Tiltable Maximum 30°

Both horizontal and vertical mounting, maximum 30° tilting.



Zhaga Receptacle

Zhaga-D4i node
(sensor and/or wireless communication node)



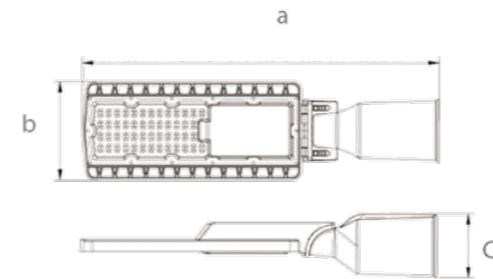
SP Series



Key Characteristic

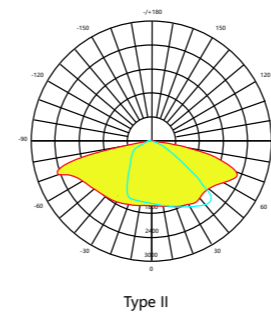
Item	SP1	SP2	SP3	SP4
Power(W)	30/40W	50/60W	100/120W	150/200W
Voltage	220-240Vac, or 100-240Vac			
CCT(K)	2200-5700K			
Efficiency (Lm/W)	150Lm/W (Up to 180Lm/W) at CRI:70 4000K			
Light Distribution	Type II			
Protection Grade	IP66/IK08 5/10KV			
Protection Warranty	5 years			

Dimensions



SP1	a425*b117*c76mm
SP2	a494*b155*c76mm
SP3	a623*b200*c93mm
SP4	a775*b200*c160mm

Light Distribution



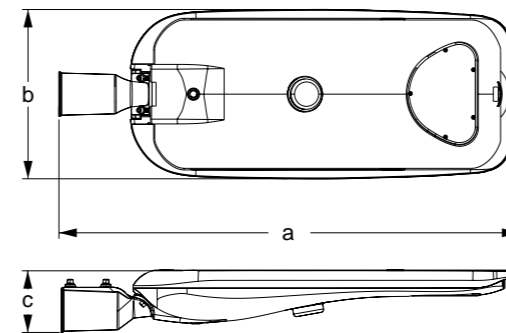
RA Series



Key Characteristic

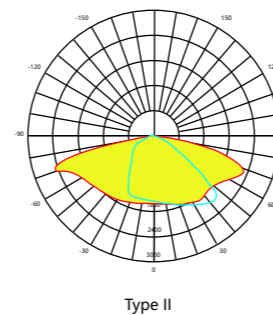
Item	RA1	
Light Power(W)	15W	20W
Battery	12.8V 12AH	12.8V 18AH
Solar	20W at 18V Mono-crystalline	
Charging time	7-11H	11-16H
CCT	2200-5700K	
Efficiency	200Lm/W(up to 230Lm/W) at CRI:70 4000K	
Light control mode	2H: 100%; 2H:40%; 8H: detected 100% , none:20%; Adjustable	
Light Districbution	Type II	
Protection Grade	IP65/IK08	
Protection Warranty	5 years	

Dimensions



RA1	a744*b284*c104mm
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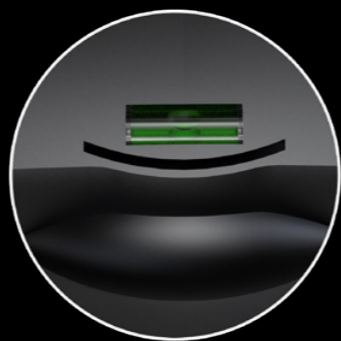
Light Distribution





Bubble Level

Bubble level accurates installation in a minute.

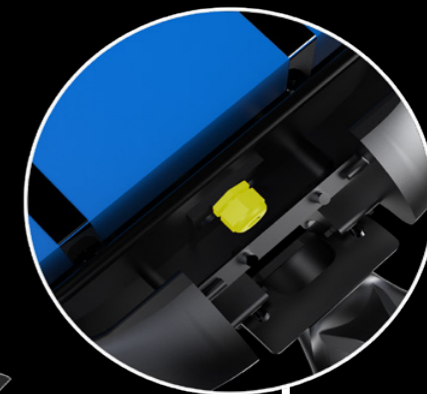


Adjustable-Tilt

Enables precise lighting angle adjustments for optimal illumination.

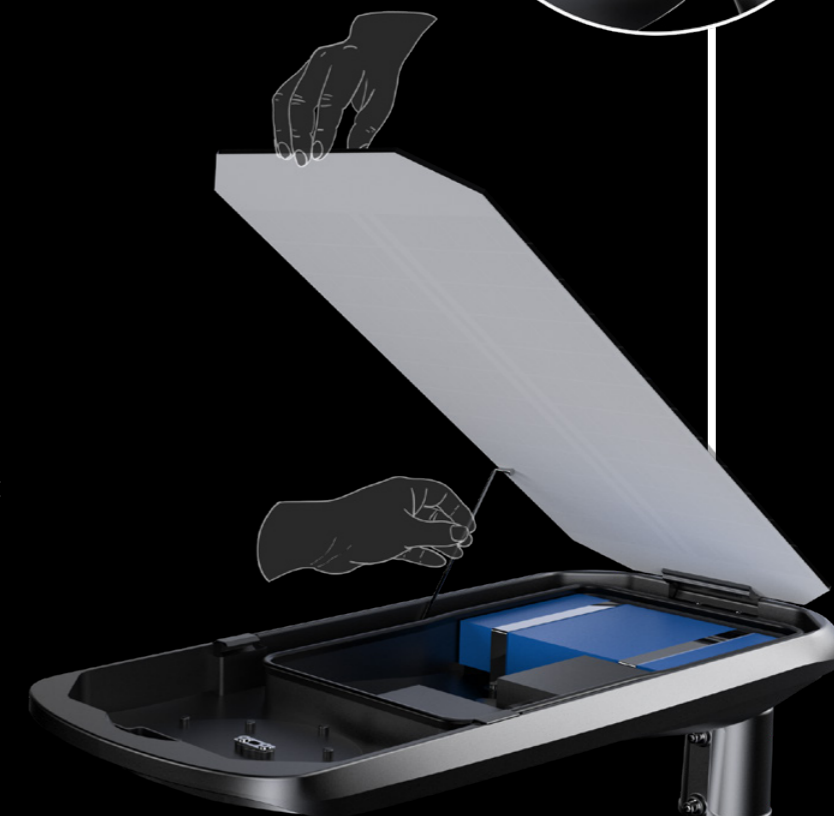
Breather

Equipped with a breather to ensure air pressure balance and moisture prevention,enhancing durability.



Tool-Free Access

Easily open battery panel without tools for effortless maintenance.



Off-grid and Hybrid

The streetlight offer off-grid and hybrid two options, significant energy saving.

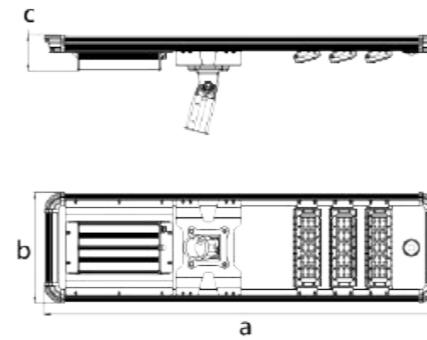
RS Series



Key Characteristic

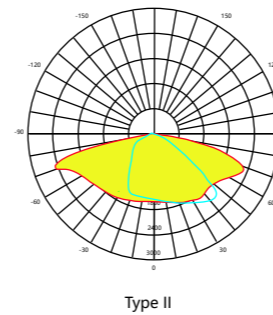
Item	RS1	RS2	RS3
Light Power(W)	20W	40W	60W
Battery	12.8V 24AH	12.8V 42AH	12.8V 60AH
Solar	18V 40W	18V 60W	18V 100W
CCT	2200-5700K		
Efficiency	200Lm/W at CRI:70 4000K		
Light control mode	2H: 100%; 2H:50%; 8H: 30% no detection lasting 2 rainy days		
Light Distribution	Type II		
Protection Grade	IP65/IK08		
Protection Warranty	5 years		

Dimensions



RS1	a878*b360*c114mm
RS2	a1118*b280*c114mm
RS3	a1673*b280*c114mm

Light Distribution



FL Series

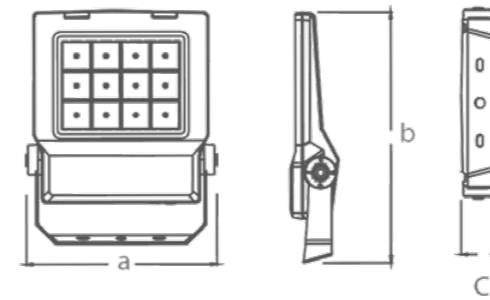


Key Characteristic

Item	FL2	FL4
Power(W)	50/100W	150/200W
Voltage	220-240Vac, or 100-240Vac	
CCT(K)	2200-5700K	
Efficiency (Lm/W)	140Lm/W*(up to 160Lm/W) at CRI:70 4000K	
Light Distribution	13**/30/60/90° ,assy*.,etc.	
Protection Grade	IP66/IK08 5/10KV	
Protection Warranty	5 years	

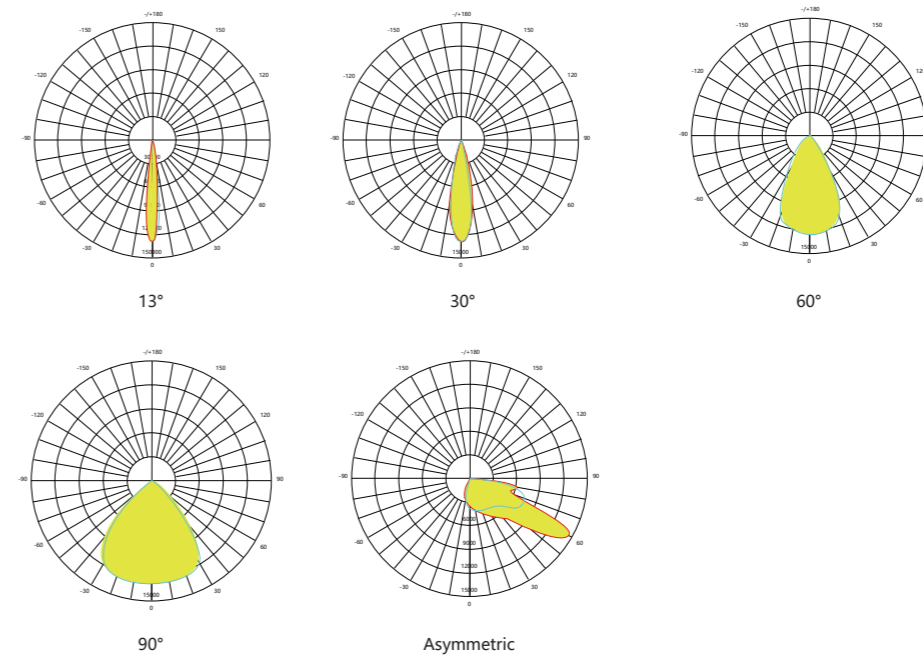
*13° ,Asymmetric,Efficiency:130Lm/W
 **13° Base on 3535 LED

Dimensions

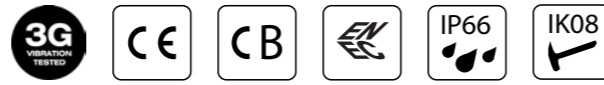


FL2	a300*b386*c78mm
FL4	a390*b485*c95.5m

Light Distribution



FH Series

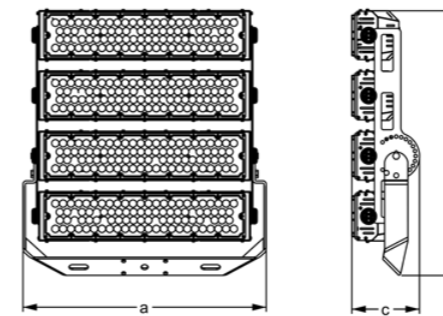


Key Characteristic

Item	FH1	FH2	FH3	FH4
Power(W)	250W	500W	750W	1000W
Voltage	220-240Vac, or 100-240Vac			
CCT(K)	2200-5700K			
Efficiency (Lm/W)	140Lm/W*(Up to 160Lm/W) at CRI:70 4000K			
Light Distribution	13**/20/30/60/90° ,assy,.etc.			
Protection Grade	IP66/IK08 5/10KV			
Protection Warranty	5 years			

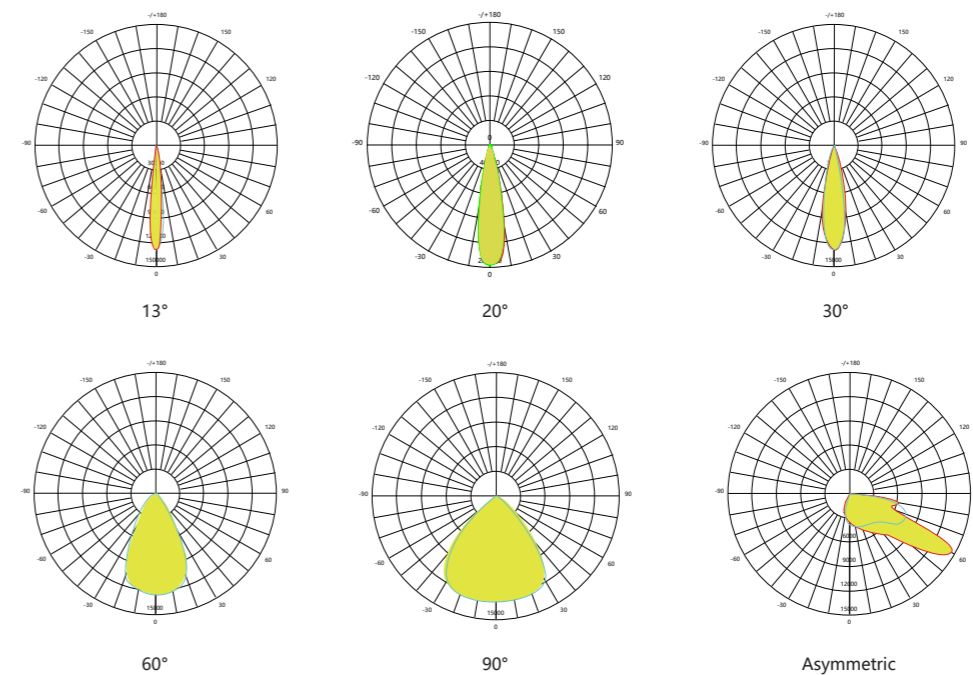
*13° ,Asymmetric, Efficiency:130Lm/W
 **13° Base on 3535 LED

Dimensions



FH1	a580*b198*c121mm
FH2	a625*b525*c175mm
FH3	a625*b525*c175mm
FH4	a627*b680*c175mm

Light Distribution



FR Series



FR2 100 W / 60°

FR1 50 W / 150°

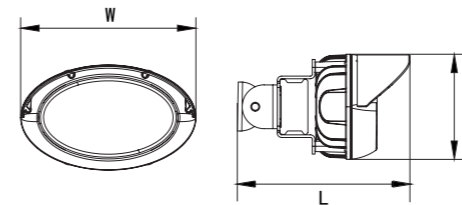
FR1 50 W / 60°



Key Characteristic

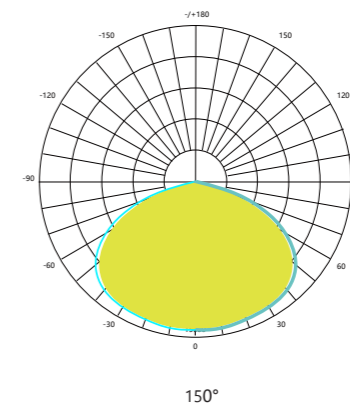
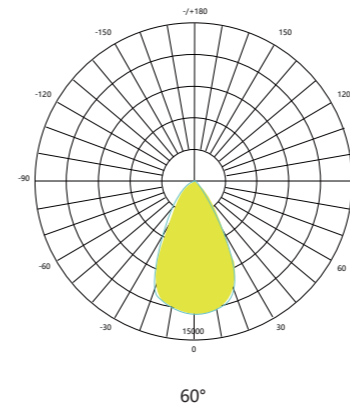
Item	FR1 50 W / 60°	FR1 50 W / 150°	FR2 100 W / 60°
Power(W)	50W	50W	100W
Voltage	AC120-277V		
CCT(K)	2200-5700K		
Light Distribution	60°	150°	60°
Protection Grade	IP66/IK08 6/15KV		
Weight(KG)	2.5KG	2.7KG	3.7KG
Protection Warranty	5 years		

Dimensions



FR1 50 W / 60°	L200*W200*H120mm
FR1 50 W / 150°	L220*W200*H120mm
FR2 100 W / 60°	L246*W300*H217mm

Light Distribution



FU Series



FU1

FU2

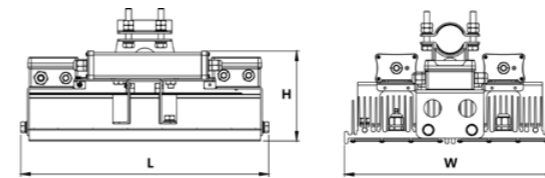
FU3



Key Characteristic

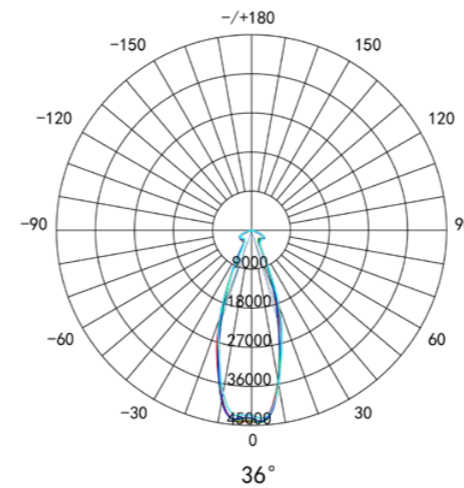
Item	FU1	FU2	FU3
Power(W)	500W	1000W	1500W
Voltage	AC100-240V or 277~480V		
CCT(K)	Red: 625nm/White: 5700K		
Light Distribution	36°		
Protection Grade	IP69/IK09 6/10KV		
Weight(KG)	16KG	32KG	47KG
Protection Warranty	5 years		

Dimensions



FU1	L429*W365*H154mm
FU2	L783*W365*H154mm
FU3	L1137*W365*H154mm

Light Distribution



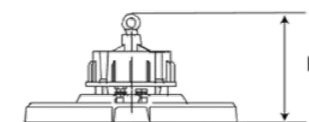
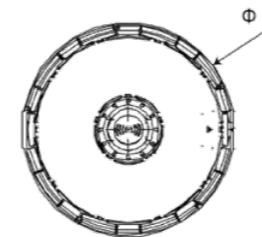


HL Series

Key Characteristic

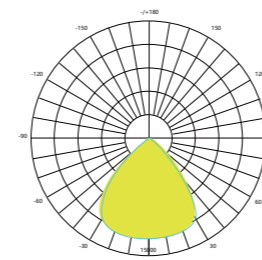
Item	HL2	HL4
Power(W)	100/150W	200/240W
Voltage	100-240Vac	
CCT(K)	2200-5700K	
Efficiency (Lm/W)	150Lm/W(up to 200Lm/W) at CRI:70 4000K	
Light Distribution	90°	
Protection Grade	IP65/IK08 4/6KV	
Protection Warranty	5 years	

Dimensions

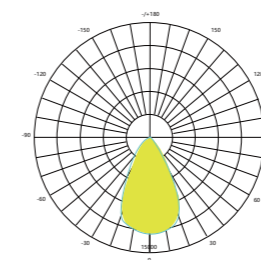


HL2	Φ308*H138.5mm
HL4	Φ380*H149mm

Light Distribution

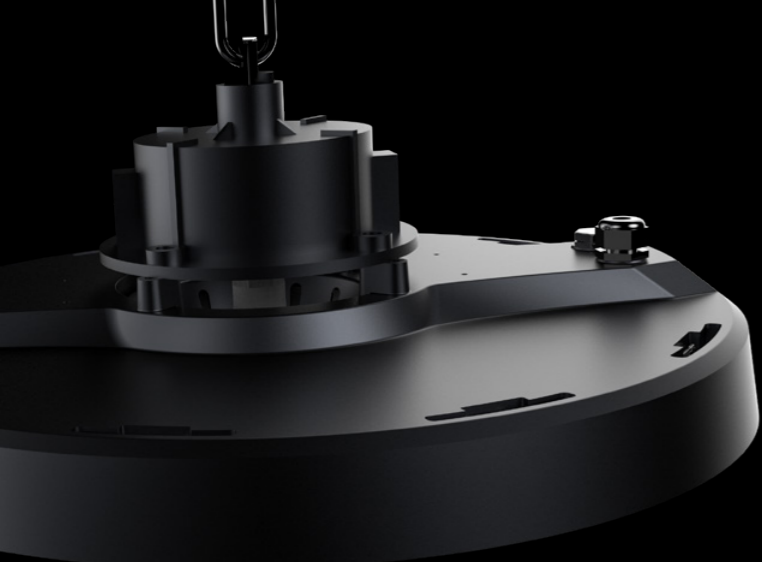


90°



60°(Pending)





Smooth Surface with Adjustable Power

Boasts a sleek, dust-resistant surface, complemented by an adaptable power supply for customizable energy efficiency.

Smart Upgrade

Numerous sensor options for smart upgrade and high energy saving.



Microwave sensor



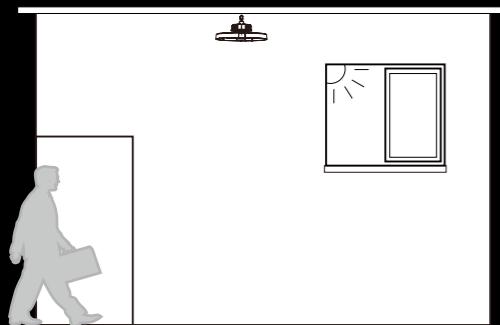
PIR sensor



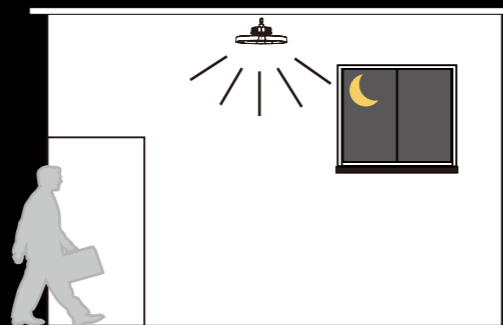
Conduit Mounting



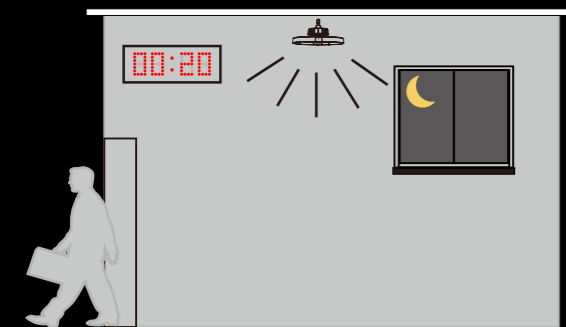
Wall Bracket Mounting



The light will not turn on when the ambient light is sufficient



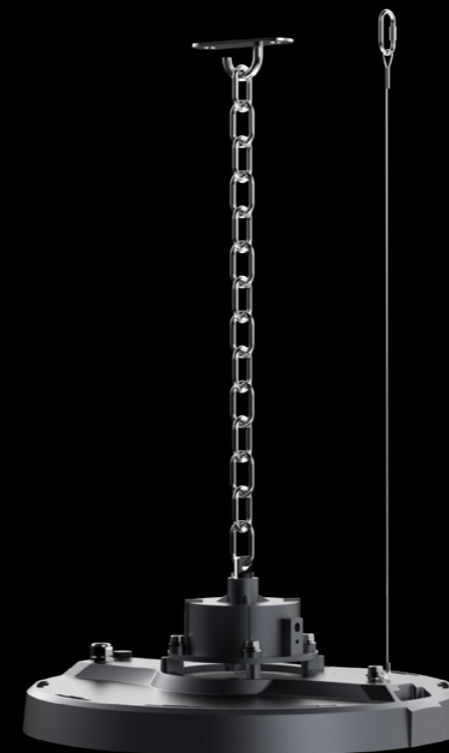
If there is no sufficient ambient light, the light will turn on when you approaching.



The light remains in a dimmed waiting mode after you leave. It will return to full brightness upon detecting motion or reset the timer.



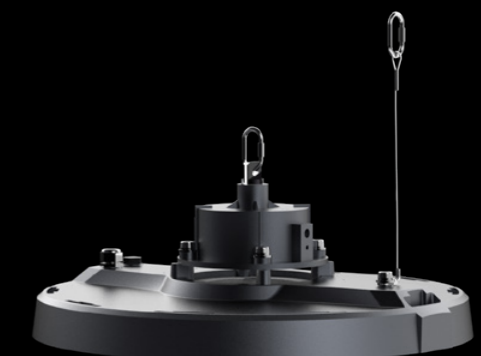
The light will automatically turn off after the waiting status.



Suspension Mounting



Ceiling Bracket Mounting



Hook Mounting

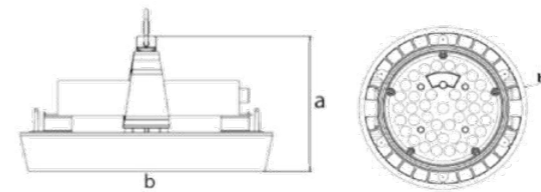


HB Series

Key Characteristic

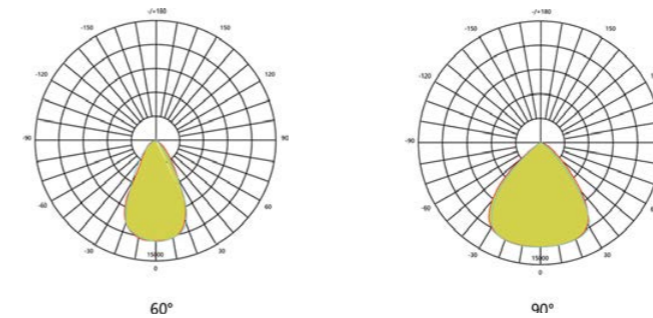
Item	HB1	HB2	HB3
Power(W)	100W	150W	200/240W
Voltage	220-240Vac, or 100-240Vac		
CCT(K)	2200-5700K		
Efficiency (Lm/W)	150Lm/W(up to 165Lm/W)		
Light Distribution	60/90°		
Protection Grade	IP66/IK08 5/10KV		
Protection Warranty	5 years		

Dimensions



HB1	b270*a140mm
HB2	b300*a140mm
HB3	b400*a145mm

Light Distribution



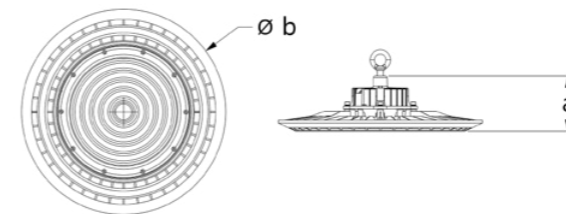


HQ Series

Key Characteristic

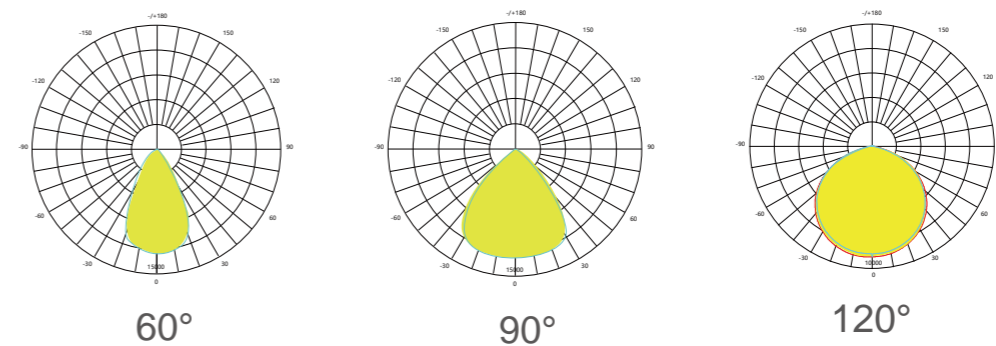
Item	HQ1	HQ2	HQ3
Power(W)	100W	150W	200W
Voltage	220-240Vac, or 100-240Vac		
CCT(K)	2200-5700K		
Efficiency (Lm/W)	150Lm/W at CRI:70 4000K		
Light Distribution	60/90/120°		
Protection Grade	IP65/IK08 4/6KV		
Protection Warranty	3 years		

Dimensions



HQ1	a288*b93mm
HQ2	a345*b96mm
HQ3	a394*b108mm

Light Distribution



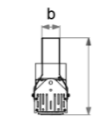
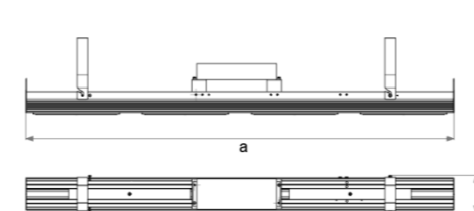
HH Series



Key Characteristic

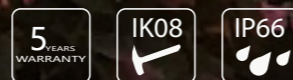
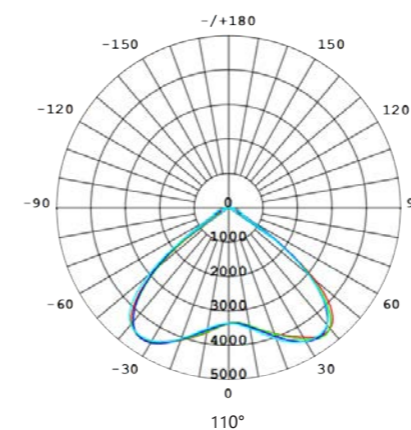
Item	HH3	HH4
Power(W)	240W	320W
Voltage	AC100-277V 50-60Hz	
PPF	720 μ mol/s	960 μ mol/s
PPE (with driver)	3.3 μ mol/J @220Vac	
Proportion of LED (Red: Blue: White)	R:B:W Formula 1 is suitable for Solanaceae	
Red Light WLP	660nm \pm 5nm	
Blue Light WLP	450nm \pm 5nm	
White	5000K \pm 150K	
Protection Grade	IP66/IK08	
Protection Warranty	5 years	

Dimensions



HH3	a890*b50*c213*d104mm
HH4	a1194*b50*c213*d104mm

Light Distribution





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