LED Garage Lighting

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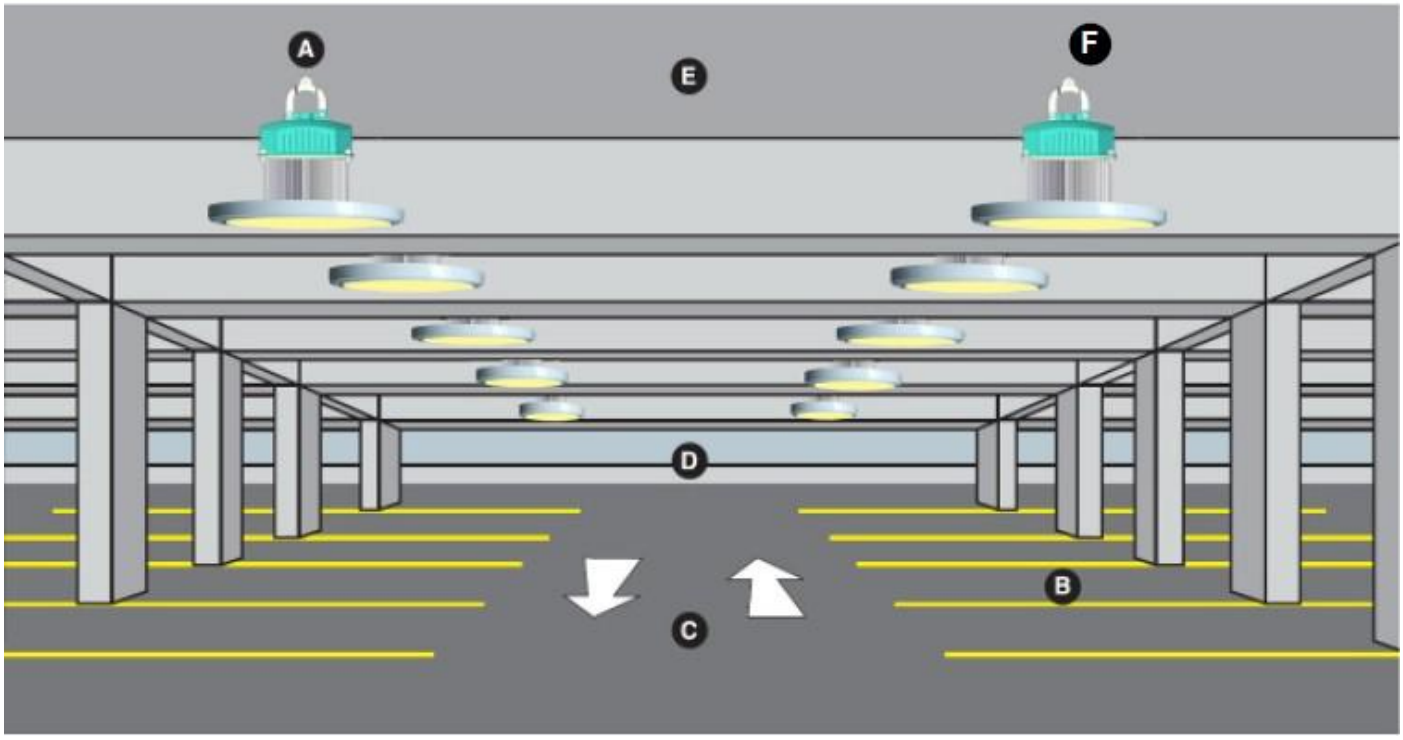
Features



A 60% power saving, 90% reduction in greenhouse gas emission. Long lifetimes and highly reliable service, greatly reducing maintenance costs.

B For the safety and security of people entering and leaving their vehicles, and easy identification of open parking spaces for traffic flow, vertical illumination in the parking zones is required. This is best approached through direct high angle illumination, combined with ambient indirect lighting to reduce harsh shadows and contrast.

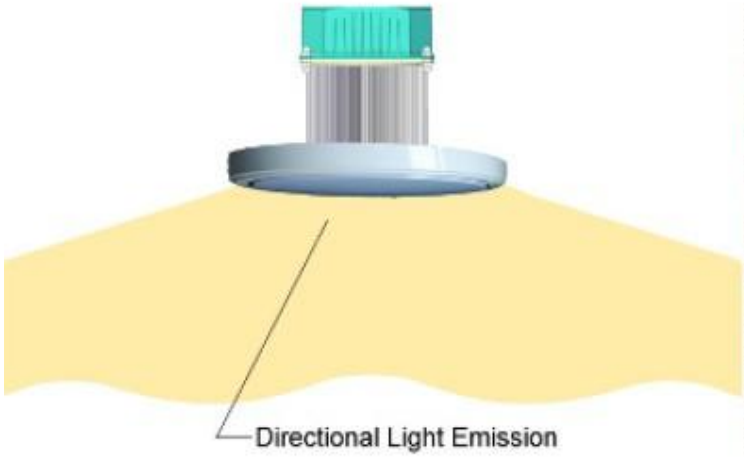
C LED's own cut off light property provides high vertical illuminance with minimum glare.

D Visibility of the facility must provide an inviting appearance with no glare to surrounding properties. The combination of indirect illumination of the garage interior and cut off optical control, provides the most attractive presentation from the exterior of the garage.

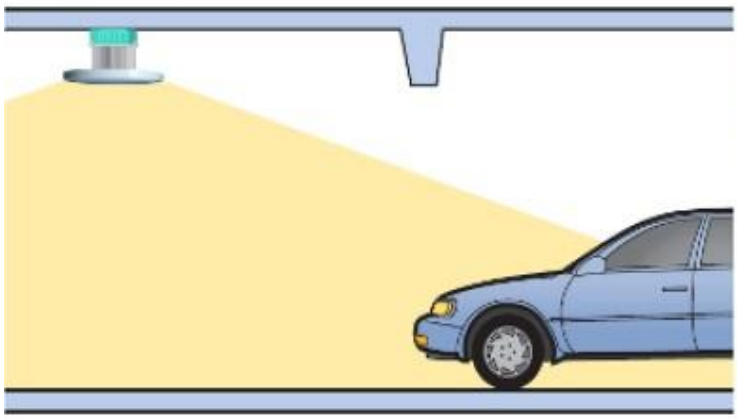
E Not affected by most vibrations and typical temperature variations.

F Various colour temperatures available from "warm" to "cool" with high CRI providing high quality lighting effect(2700K - 7000K).

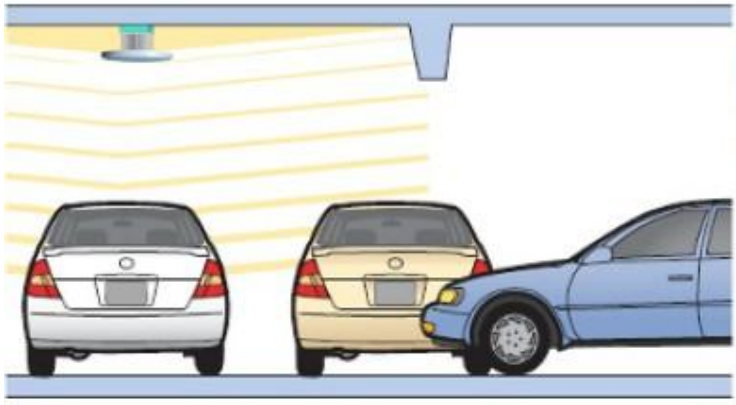
Design Basis



Superior Luminaire Efficiency:
Comparing with conventional HPS, which emits combination of visible and invisible light with 360 degree beam angle, LED light emits 100% visible light to be fully projected towards the target. Thus, luminaire efficiency of LED light is 2.5 times to conventional HPS/HID. 30W LED bay light is equivalent to 80W fluorescent light or CFL, and 60W LED light is equivalent to 150W HPS or HID.



Cutoff Downlight:
Directional lighting property of LED brings cutoff down light, which provides overall illumination with low glare. A balance of providing high vertical illuminance and drive lane comfort is accomplished by LED design that all light is projected to useful zones without any lose at unwanted area.



High Illuminance and High CRI:
High vertical illuminance and high CRI of LED light improves visibility and provides a sense of security and safety.

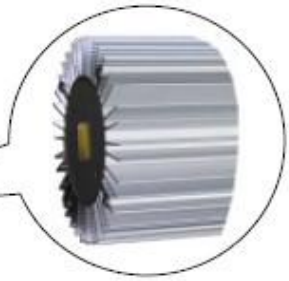
Configurations

Speed Monuting Design

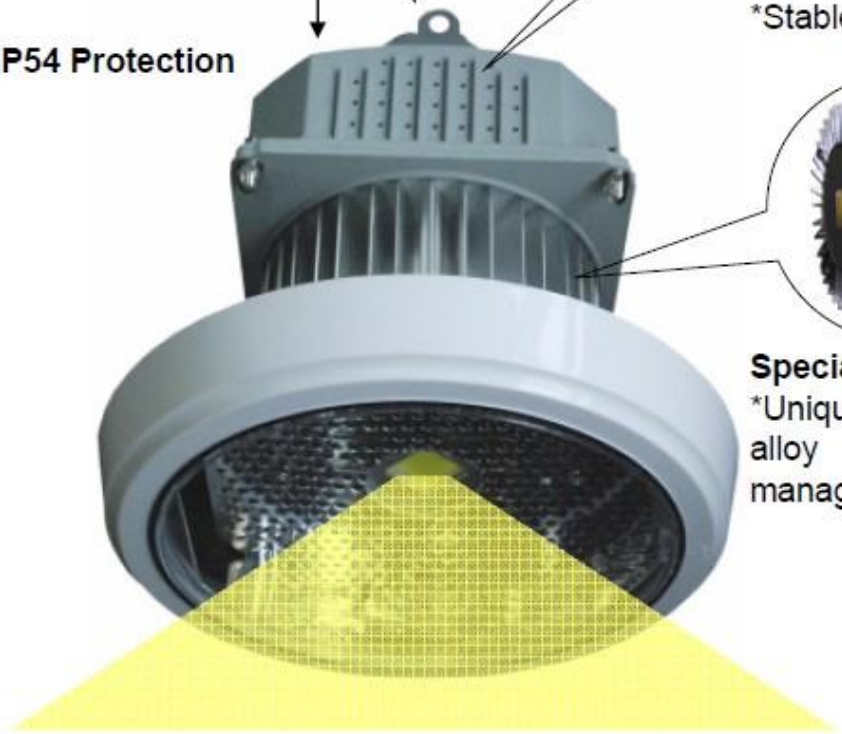
Die Cast Housing

IP30 / IP54 Protection

Dedicated Power Driver
*Input Voltage of wide range: 110V - 277V
*Stable & Long Life

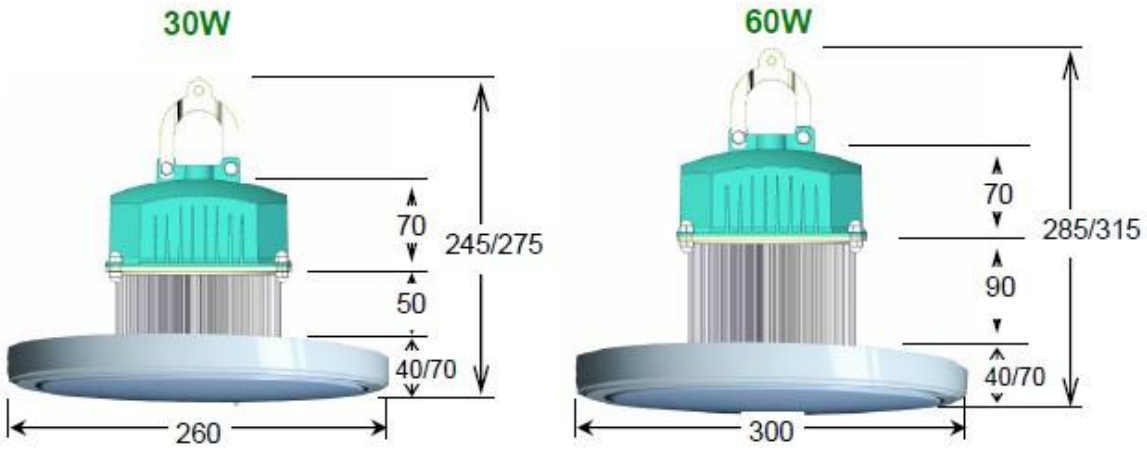


Specially Designed Heat Sink
*Unique design with aluminum alloy ensures superior heat management.



High Illuminance Integrated LED
*Provides high illuminance of directional downlight.
*Cutoff down light provides overall illuminance with low glare.
*No light pollution or waste.
*50000 hours service life.

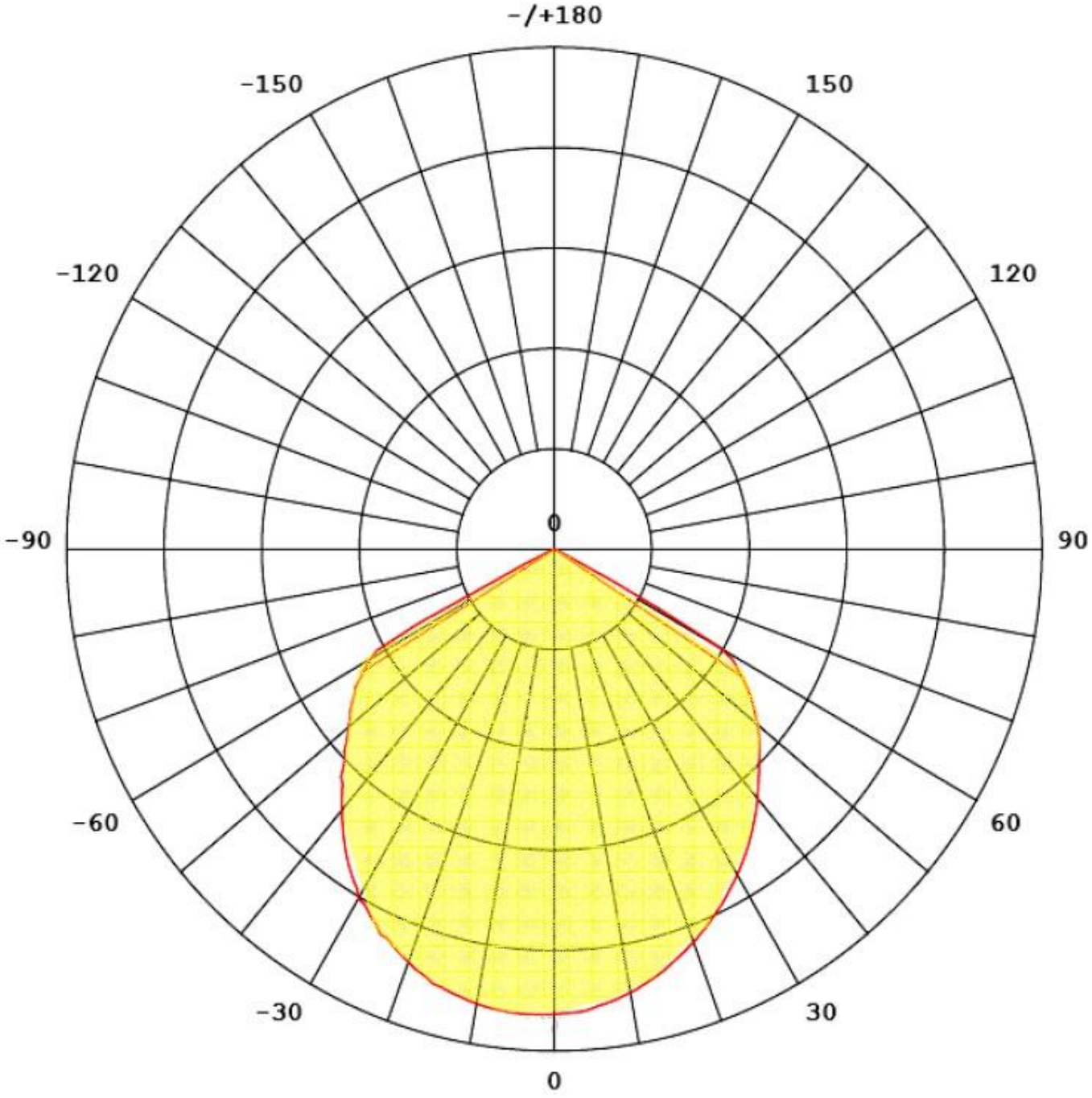
Specifications



Specifications	Product Code	
	Garage30EO	Garage60EO
Input Voltage	110V - 277V	
Power Frequency	50HZ - 60HZ	
Power Efficiency	>85%	
LED Power Consumption	30W	60W
Power Factor(PF)	>95%	
Max Input Amps	0.16	0.32
Total Harmonic Distortion	<15%	
Luminaire Efficiency	80 lm/W	
Flux	2400 lm	4500 lm
Colour Rendering Index(CRI)	Ra>80	
Colour Temperature	2700K - 7000K	
Beam Angle	120°	
HPS/HID Equivalent	80W HPS/HID	180W HPS/HID
IP Rating	IP30/IP54	
Working Ambient Temperature	-25 ～ +45℃	
Working Ambient Humidity	15% ～ 90%	
Lamp Fixture Material	Aluminium Alloy	

Light Distribution Polar Diagram

- Wide distribution with high illuminance intensity.
- Cut off light control ensures brightness and low glare.



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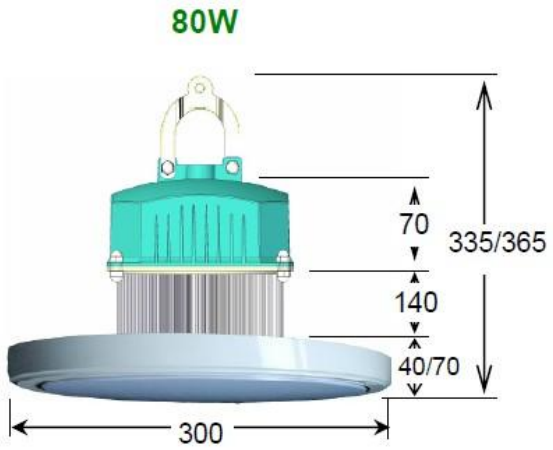

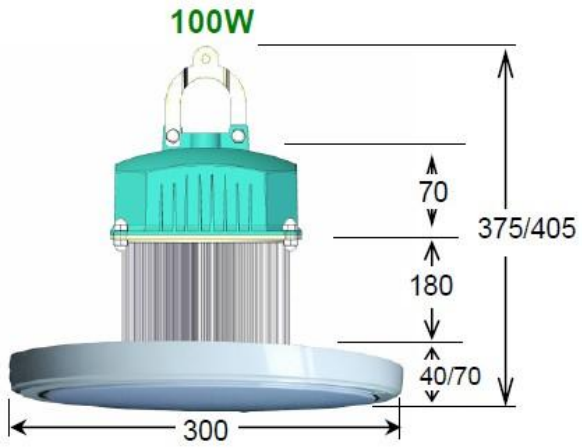

Specifications	Product Code	
	Garage80EO	Garage100EO
Input Voltage	110V - 277V	
Power Frequency	50HZ - 60HZ	
Power Efficiency	>85%	
LED Power Consumption	80W	100W
Power Factor(PF)	>95%	
Max Input Amps	0.16	0.32
Total Harmonic Distortion	<15%	
Luminaire Efficiency	75 lm/W	72 lm/W
Flux	6000 lm	7200 lm
Colour Rendering Index(CRI)	Ra>80	
Colour Temperature	2700K - 7000K	
Beam Angle	120°	
HPS/HID Equivalent	200W HPS/HID	250W HPS/HID
IP Rating	IP30/IP54	
Working Ambient Temperature	-25 ～ +45℃	
Working Ambient Humidity	15% ～ 90%	
Lamp Fixture Material	Aluminium Alloy	

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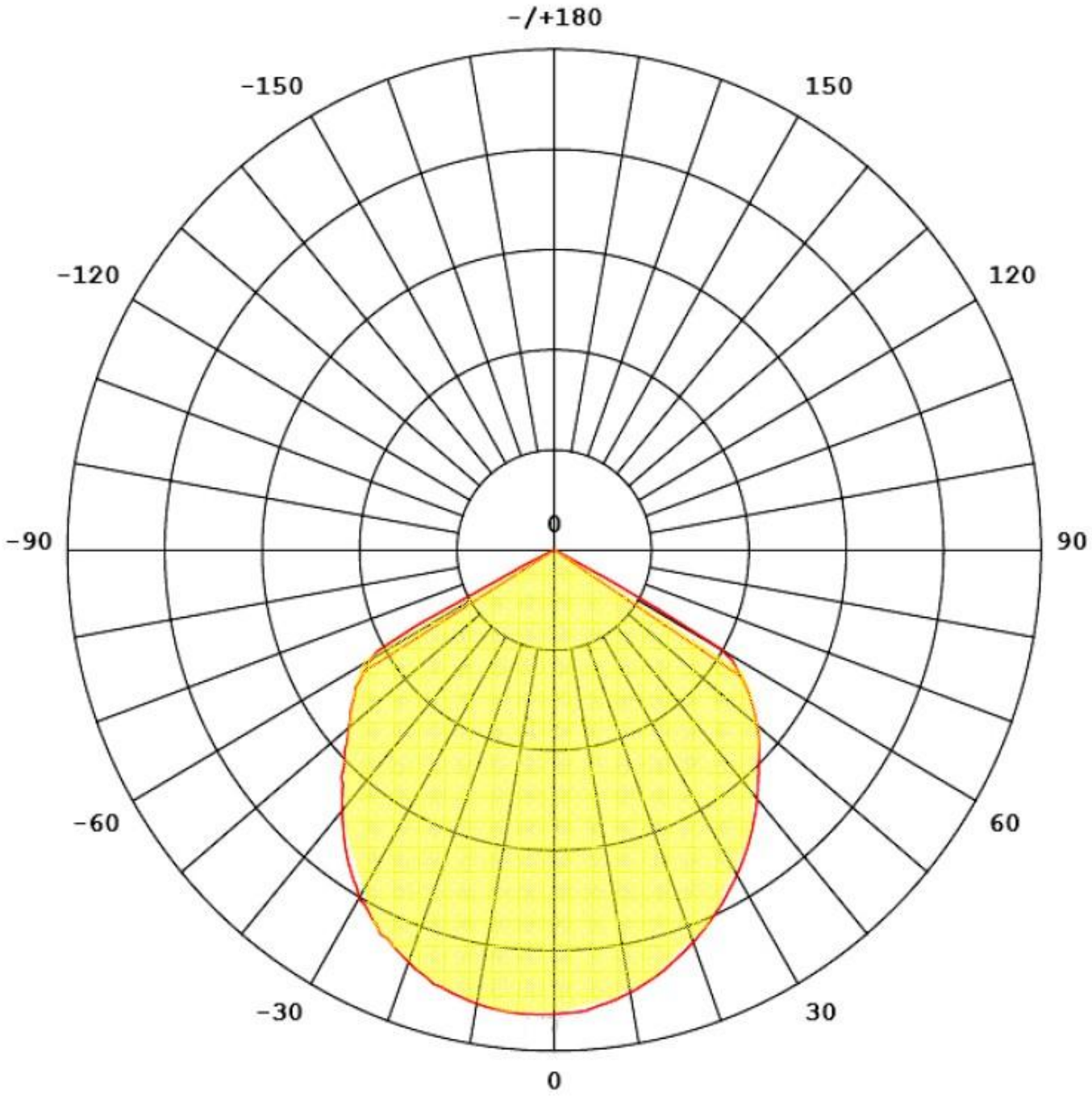
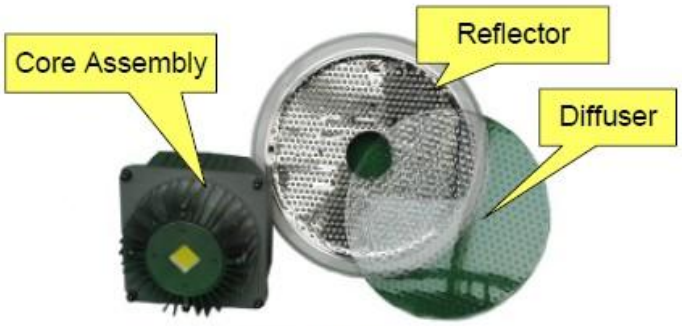


Step 1: Unpack

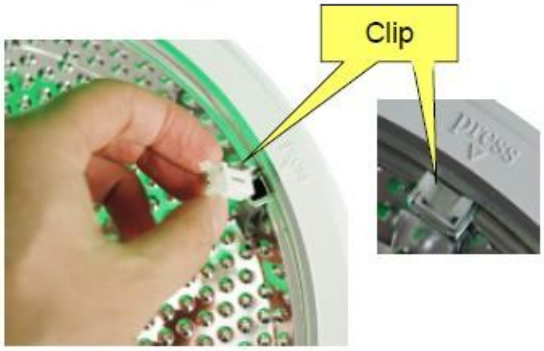


Removed from package

Step 2: Unscrew and remove the 4 bolts at the core assembly.

Step 3: Fix the reflector to the core assembly by screwing 4 bolts.

Step 4: Insert the clip into the socket at the reflector.



Step 5: Cover the reflector with diffuser.

Diffuser D1-
D300mm x H40mm
Milky color

Diffuser D2-
D300mm x H40mm
Droplet transparent

Diffuser D3-
D300mm x H70mm
Semi- transparent

The best choice of energy saving, environment friendly and light pollution-free.