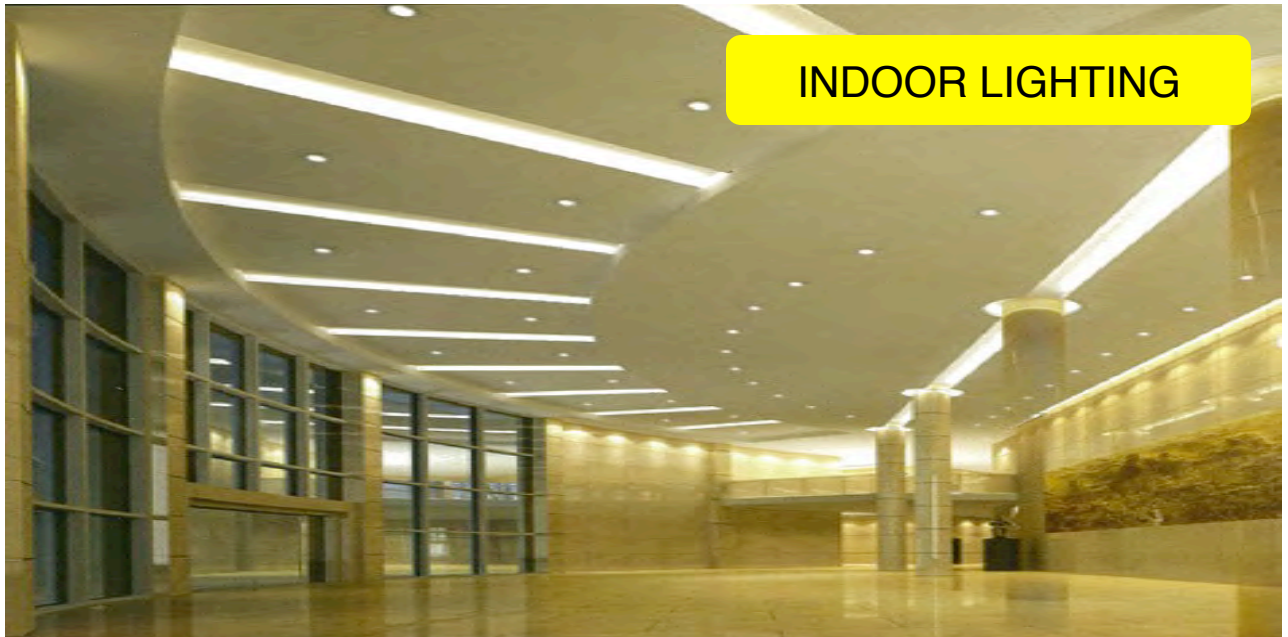


Product Catalogue 2014



iQeden

Light on Budget, Heavy on Savings, Go Green



LED T8



Rated Power:

- 9 W (2 feet)
- 18 W (4 feet)

Features

- Light weight and uniform light source.
- High efficiency, constant current drive, wide voltage input range
- Low heat
- No flickering, no noise, no glare
- No Ultra Violet radiation
- No Radio Frequency interference
- Green, lead free and mercury free manufacturing process
- Easy installation, direct replacement for fluorescent tube
- Comply with CE, ROHS and FCC's quasi-standard
- Interior Use in Residential / Commercial Areas
(Homes, Hotels, Restaurants, Office, Retail Shops)



Model No	2FT-9W	4FT-18W
Power Specifications		
Voltage	100~240Vac	100~240Vac
Power	9W±10%	18W±10%
Power Factor	<0.9	<0.9
Lifespan	>25000 hours	>25000 hours
Weight	180g	330g
Size (L x W x H)	Φ580mm x 26mm	Φ1198mm x 26mm
Beam Angle	120°	120°
Cover Material	Polycarbonate frosted cover	Polycarbonate frosted cover
Environment Specifications		
Operation Temperature	-20°C~ 50°C	-20°C~ 50°C
Storage Temperature	-40°C~ 60°C	-40°C~ 60°C
Operation Humidity	10%~90 %	10%~90 %
Certifications		
CE-EMC, RoHS		

SCL- MR16 3.5W

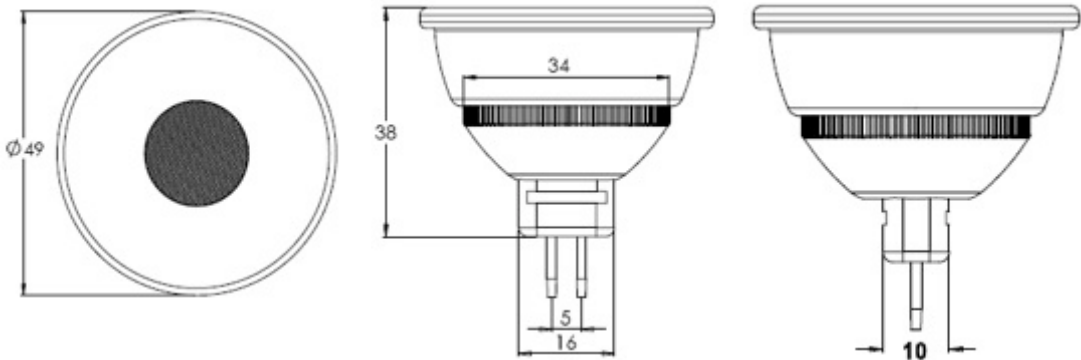


Power Specifications	
Voltage	12~18Vac / 12~24Vdc
Current	<350mA
Power	3.5W ±10%
CRI	>70
Lifespan	>20000 hours
Socket	GU 5.3
Beam Angle	30°, 45°
Weight	24g
Size	Φ49mm x 48mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%

Illumination

Color Temperature	4700K ~ 6000K	2600K ~3300K
	Cool White	Warm White
Lumens, 30°	330lm ± 10%	300lm ± 10%
Lumens, 45°	320lm ± 10%	290lm ± 10%

Dimension (unit in mm)



SCL- MR16 5W

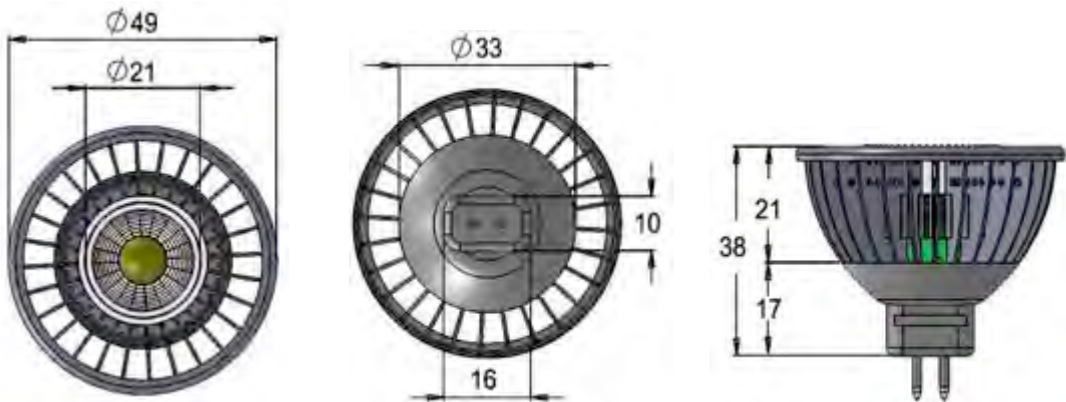


Power Specifications	
Voltage	12~18Vac / 12~24Vdc
Current	<600mA
Power	6.5W ±10%
CRI	>70
Lifespan	>20000 hours
Socket	GU5.3
Beam Angle	30°, 45°
Weight	24g
Size	Φ49mm x 38mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%

Illumination

Color Temperature	4700K ~ 6000K	2600K ~3300K
	Cool White	Warm White
Lumens, 30°	350lm ± 10%	310lm ± 10%
Lumens, 45°	340lm ± 10%	200lm ± 10%

Dimension (unit in mm)



SCL- MR16 6W,7W



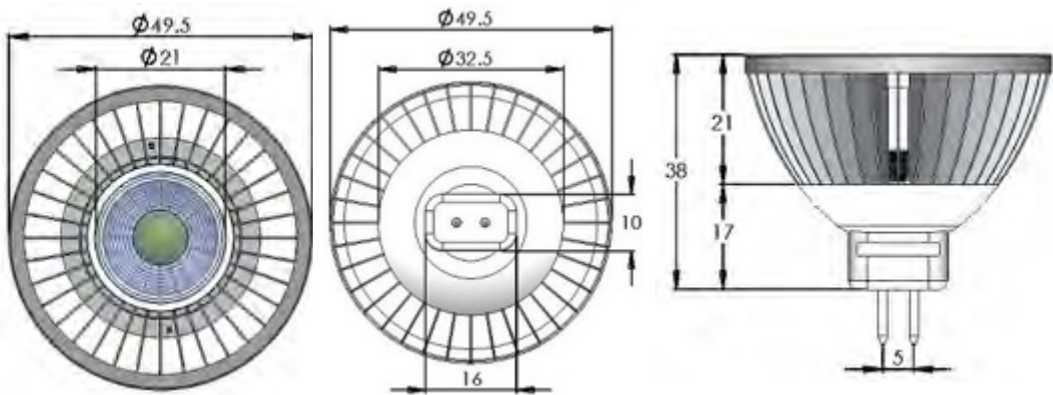
30°, 45°

Power Specifications	
Voltage	12~18Vac / 12~24Vdc
Current	<600mA ,<700mA
Power	6W±10%, 6.5W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	GU5.3
Beam Angle	30°, 45°
Weight	24g
Size	Φ49mm x 38mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90 %
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	4700K ~ 6000K	2600K ~3300K
	Cool White	Warm White
Lumens, 30°,6W	360lm ±10%	340lm ±10%
Lumens, 45°,6W	350lm ±10%	330lm ± 10%
Lumens, 30°,7W	480lm ±10%	450lm ±10%
Lumens, 45°,7W	470lm ±10%	440lm ± 10%

Dimension (unit in mm)



SCL- MR16 6W,7W, GU10

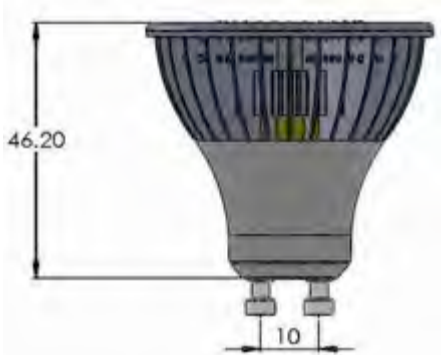
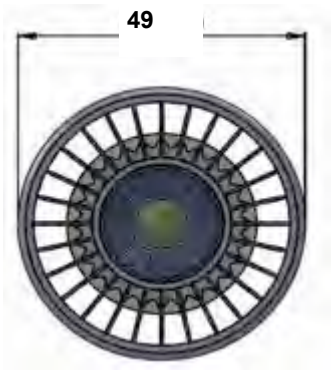


Power Specifications	
Voltage	100~240Vac
Current	<60mA, <70mA
Power	6W±10%, 6.5W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	GU10
Beam Angle	30° , 45°
Weight	33g
Size	Φ49mm x 46.2mm
Environment Specifications	
Operation Temperature	-20℃ ~50℃
Storage Temperature	-40℃ ~60 ℃
Operation Humidity	10%~90 %
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	4700K ~ 6000K	2600K ~3300K
	Cool White	Warm White
Lumens, 30° ,6W	360lm ±10%	340lm ±10%
Lumens, 45° ,6W	350lm ±10%	330lm ± 10%
Lumens, 30° ,7W	480lm ±10%	450lm ±10%
Lumens, 45° ,7W	470lm ±10%	440lm ± 10%

Dimension (unit in mm)



SCL- MR16 6W,7W, E27

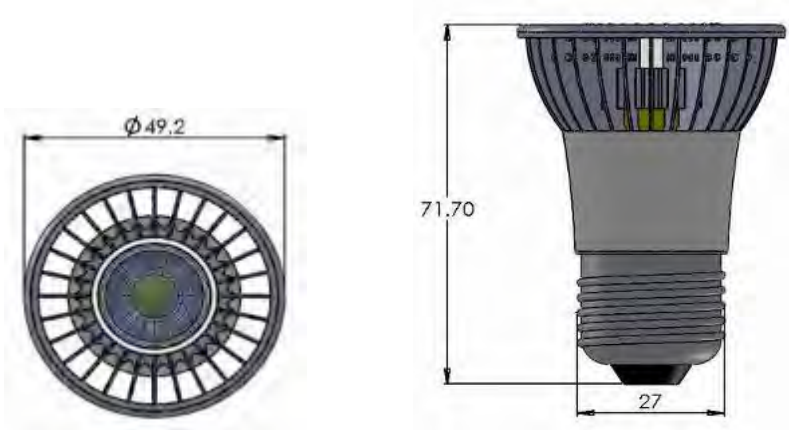


Power Specifications	
Voltage	100~240Vac
Current	<60mA, <70mA
Power	6W±10%, 6.5W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E27
Beam Angle	30 ⁰ , 45 ⁰
Weight	40g
Size	Φ49mm x 72mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90 %
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	4700K ~ 6000K	2600K ~3300K
	Cool White	Warm White
Lumens, 30 ⁰ ,6W	360lm ±10%	340lm ±10%
Lumens, 45 ⁰ ,6W	350lm ±10%	330lm ± 10%
Lumens, 30 ⁰ ,7W	480lm ±10%	450lm ±10%
Lumens, 45 ⁰ ,7W	470lm ±10%	440lm ± 10%

Dimension (unit in mm)



UTO MR16 5W

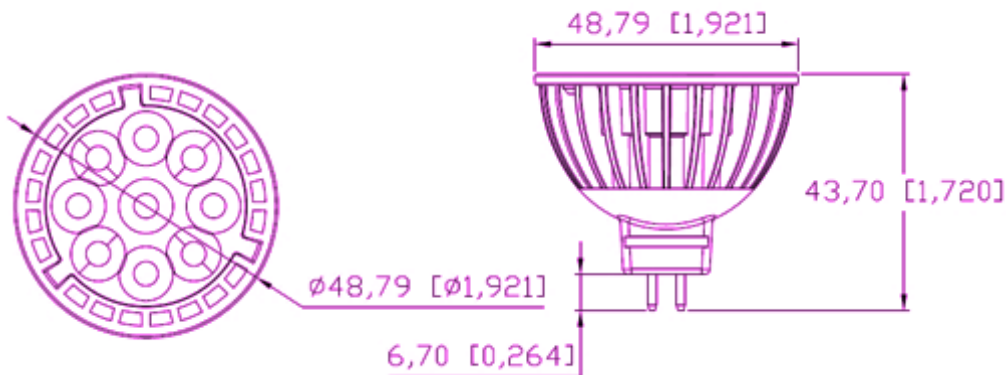


Power Specifications	
Voltage	100~240Vac
Current	<440mA
Power	5W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	GU5.3
Beam Angle	34°
Weight	40g
Size	Φ48.8mm x 43.7mm
Environment Specifications	
Operation Temperature	-20℃~40℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	5000K	4000K	3000K
	Cool White	Neutral White	Warm White
Lumens	330lm ±10%	315lm ±10%	300lm ±10%
Illuminance at 1 meter	450lux	430lux	410lux

Dimension (unit in mm)



UTO MR16 5.5W

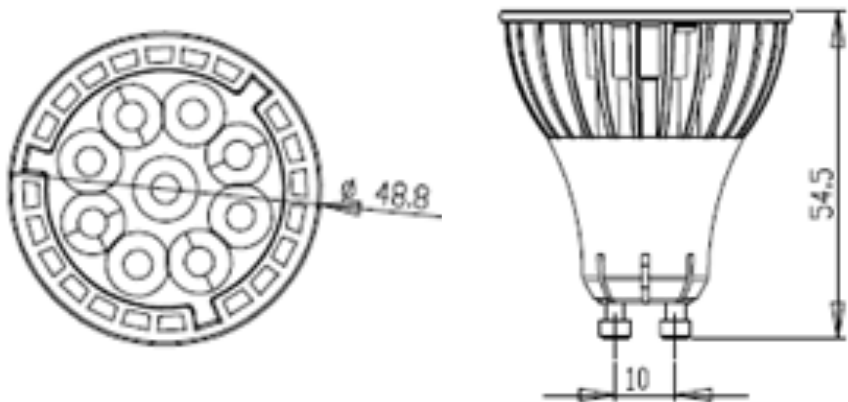


Power Specifications	
Voltage	100~240Vac
Current	<440mA
Power	5.5W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	GU10
Beam Angle	32°
Weight	45g
Size	Φ48.8mm x 54.5mm
Environment Specifications	
Operation Temperature	-20℃~40℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	5000K	4000K	3000K
	Cool White	Neutral White	Warm White
Lumens	320 lm±10%	310 lm±10%	300 lm±10%
Illuminance @ 1 meter	450 lux	430 lux	410 lux

Dimension (unit in mm)

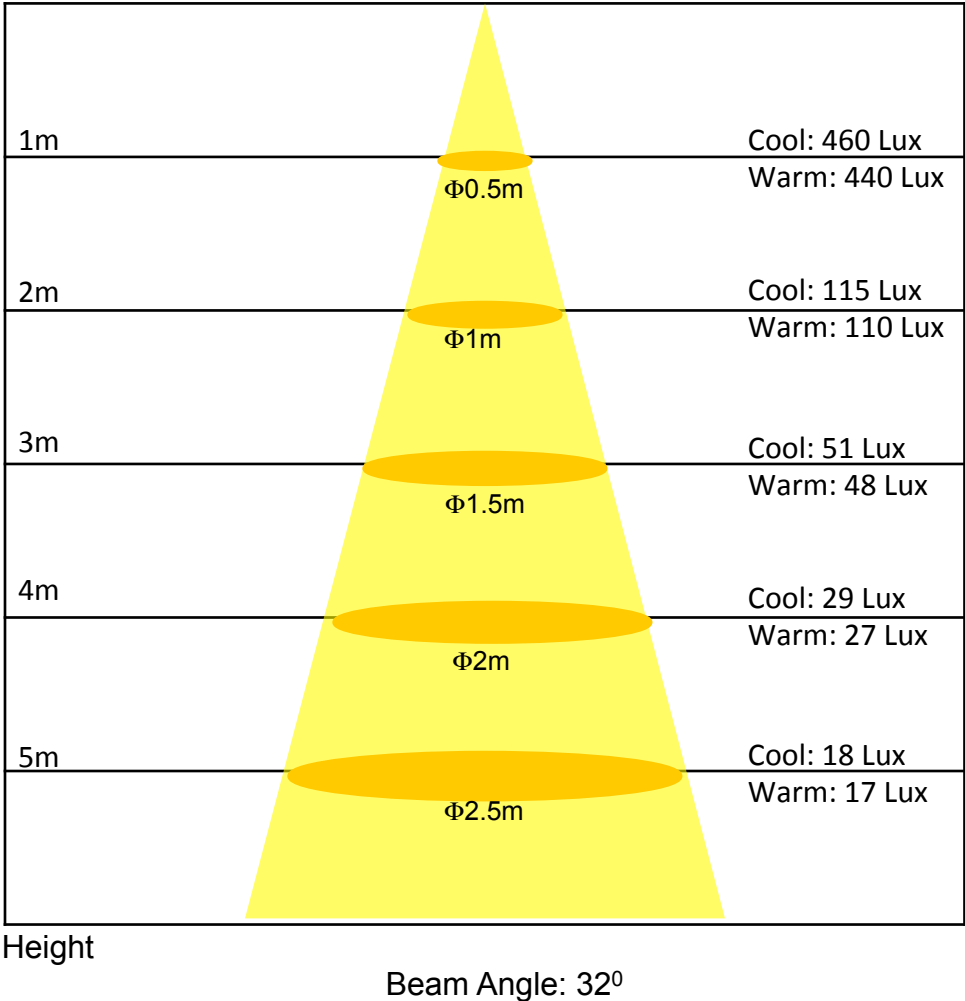


LED MR16 Spotlight

Technical Specification For Energy Star

Safety Requirements	UL 1993 - 1999
Operating Frequency	> 120 Hz
Transient Protection	IEEE C.62.41 – 1991 Class A
Radio Interference Suppression	440mA
Noise Rating	Class A; < 24 dBA
Flammability of Plastic Components	V-0 (UL94)
Environmental Materials (In accordance with ROHS Directive 2002/95/CE)	
Mercury (Hg)	0mg
Lead (Pb)	0mg

Illumination Distribution Chart



4W Candle bulb

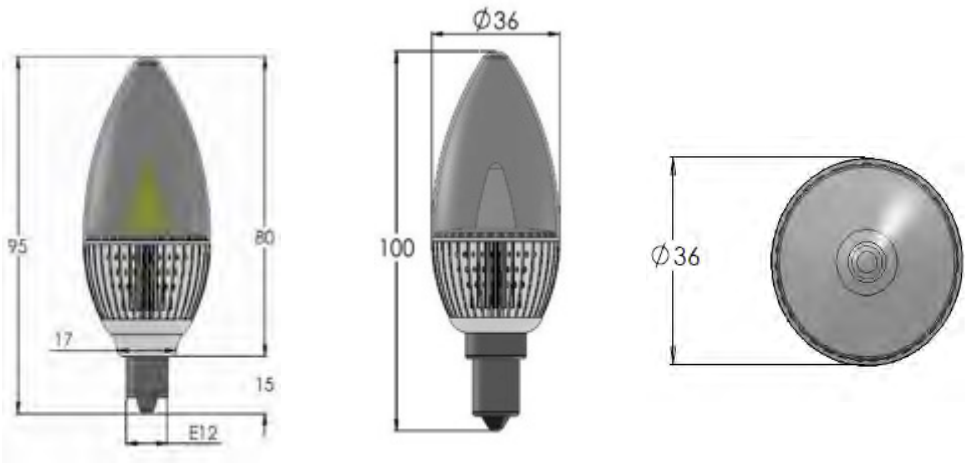


Power Specifications	
Voltage	100~240Vac
Current	<70mA
Power	4W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E14
Beam Angle	161°
Field Angle	338°
Weight	31g
Size	Φ36mm x 95mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	4700K ~6000K	2600K ~3300K
	Cool White	Warm White
Lumens	380 lm±10%	340 lm±10%

Dimension (unit in mm)



4W Crystal bulb

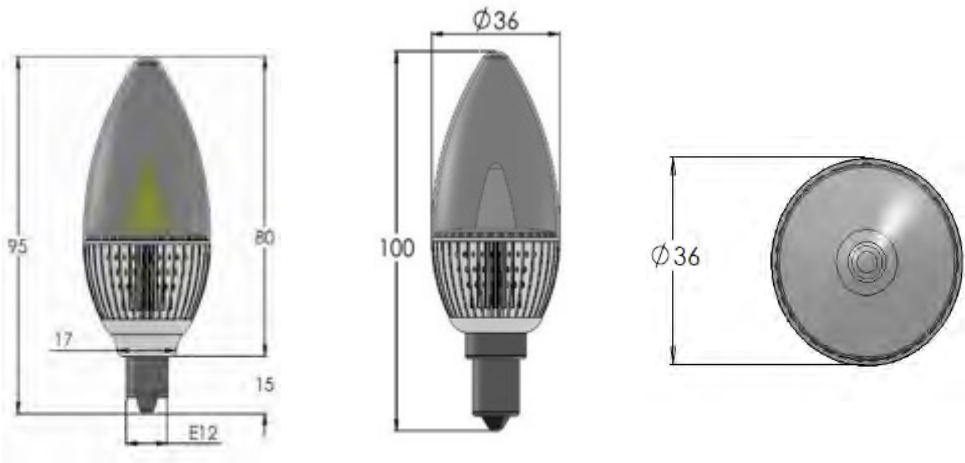


Power Specifications	
Voltage	100~240Vac
Current	<70mA
Power	4W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E14
Beam Angle	146°
Field Angle	289°
Weight	31g
Size	Φ36mm x 95mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	4700K ~6000K	2600K ~3300K
	Cool White	Warm White
Lumens	400 lm±10%	350 lm±10%

Dimension (unit in mm)



6W Bulb

Features

- Full period-luminosity type.
- Plastic heat dispersion
- Smoothly touch
- Elegant appearance
- 1:1 with the Halogen lamp.

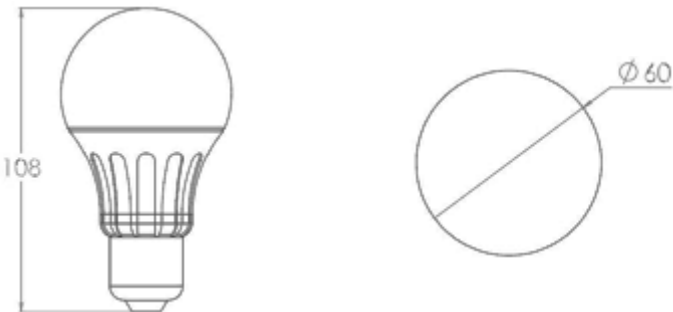


Power Specifications	
Voltage	100~240 Vac
Current	< 60 mA
Power	6W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E27
Beam Angle	200°
Field Angle	320°
Weight	85 g
Size	Φ60mm x 108mm
Flammability	UL94 V-0
Resistance Hipot Test (insulation)	>4KV
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90 %

Illumination

Color	Color Temperature	Lumen
Cool White	5300K ~ 7000K	600 lm ±10%
Warm White	2600K ~ 3300K	560 lm ±10%

Dimension (unit in mm)



8W Bulb

Features

- High chemical resistance (PPS based material)
- Emissivity: > 0.8
- Electric insulation: >10¹²
- Flame resistant: UL94 V-0 、 Electric arc resistance > 200 seconds.
- Lighter weight: density 1.4~2.0 、 20~45% lighter than Aluminum

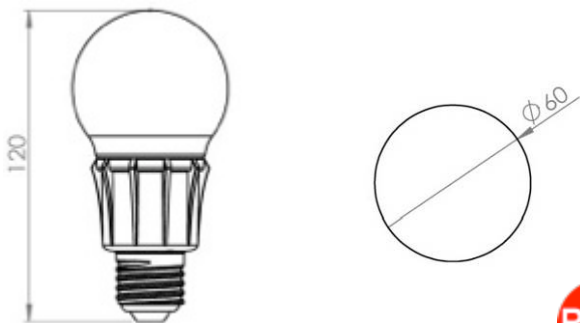


Power Specifications	
Voltage	100~240 Vac
Current	< 80 mA
Power	8W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E27
Beam Angle	260°
Field Angle	340°
Weight	106g
Size	Φ60mm x 120mm
Flammability	UL94 V-0
Resistance Hipot Test (insulation)	>4KV
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90 %
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color	Color Temperature	Lumen
Cool White	5300 ~ 7000 K	760 lm ±10%
Warm White	2600 ~ 3300 K	720 lm ±10%

Dimension (unit in mm)



10W Bulb



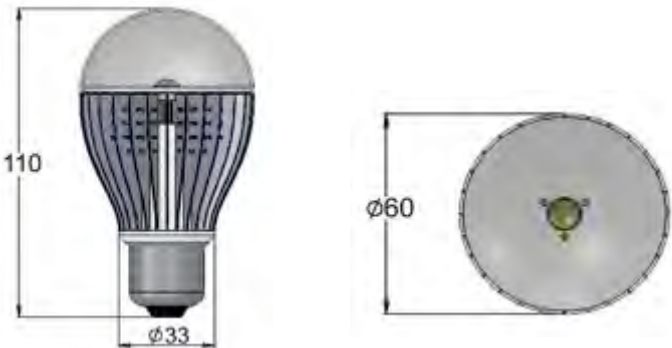
Dimmer

Power Specifications	
Voltage	100~240 Vac
Current	< 100 mA
Power	10W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	E27
Functions	Dimmable, Non- Dimmable
Beam Angle	117°
Field Angle	257°
Weight	75 g
Size	Φ60mm x 110mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90 %
Certification	
CE-EMC	

Illumination

Color	Color Temperature	Lumen
Cool White	4700K~6000K	850 lm ±10%
Warm White	2600K ~ 3300K	780 lm ±10%

Dimension (unit in mm)



G24 Lamp

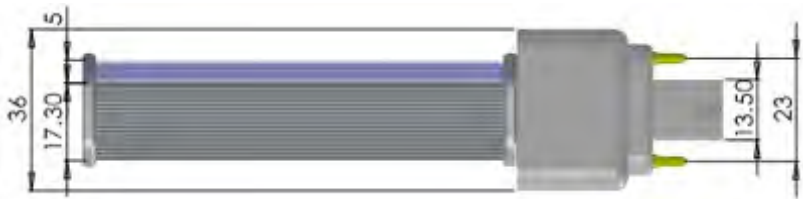


Power Specifications	
Voltage	100~240Vac
Current	<80mA
Power	8W ±10%
CRI	>80
Lifespan	>20000 hours
Socket	G24
Weight	89g
Size	Φ164mm x 36mm x 36mm
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

Color Temperature	5300K~6000K	2600K~3300K
	Cool White	Warm White
Lumens	700 lm±10%	650 lm±10%

Dimension (unit in mm)



LED PANEL LIGHT



SCP40W



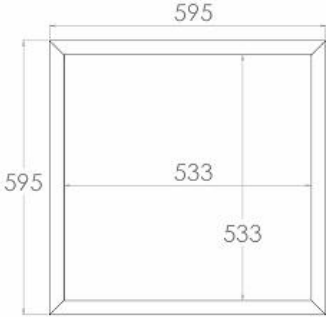
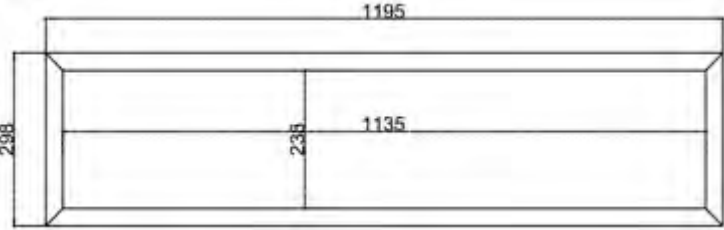
SCP40W-120

Model No	SCP40W	SCP40W-120
Power Specifications		
Voltage	100~240Vac	100~240Vac
Current	< 40 mA	< 40 mA
Power	40W±10%	40W±10%
Power Factor	<0.6	<0.6
CRI	>80	>80
Lifespan	>20000 hours	>20000 hours
Weight	2.4 kg	5 kg
Size (L x W x H)	Φ595mm x 595mm x 11mm	Φ195mm x 298mm x11 mm
Beam Angle	60°	80°
AC Input	connector	connector
Environment Specifications		
Operation Temperature	-20°C~ 50°C	-20°C~ 50°C
Storage Temperature	-40°C~ 60°C	-40°C~ 60°C
Operation Humidity	10%~90 %	10%~90 %
The thermal balance of light intensity attenuation.	>85%	>85%
Above information is the cooler test specifications in the normal temperature condition.		
Certifications		
CE-EMC, RoHS		

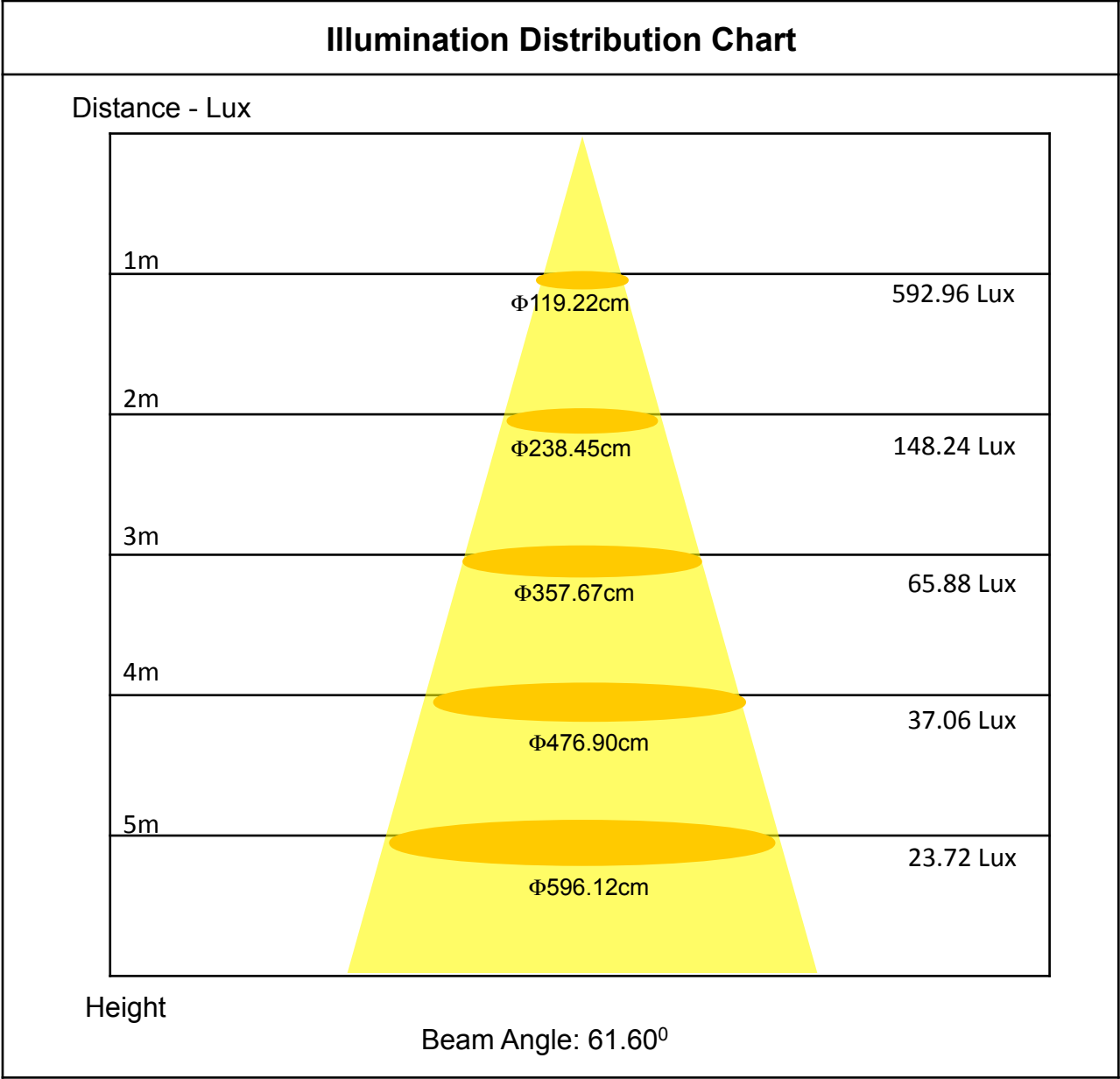
Illumination

Color Temperature	2600~3300K	3700~4300K	4700~6000K
	Warm White	Neutral White	Cool White
SCP 40W	2700 lm±10%	2970 lm±10%	3150 lm±10%
SCP 40W-120	2700 lm±10%	2970 lm±10%	3150 lm±10%

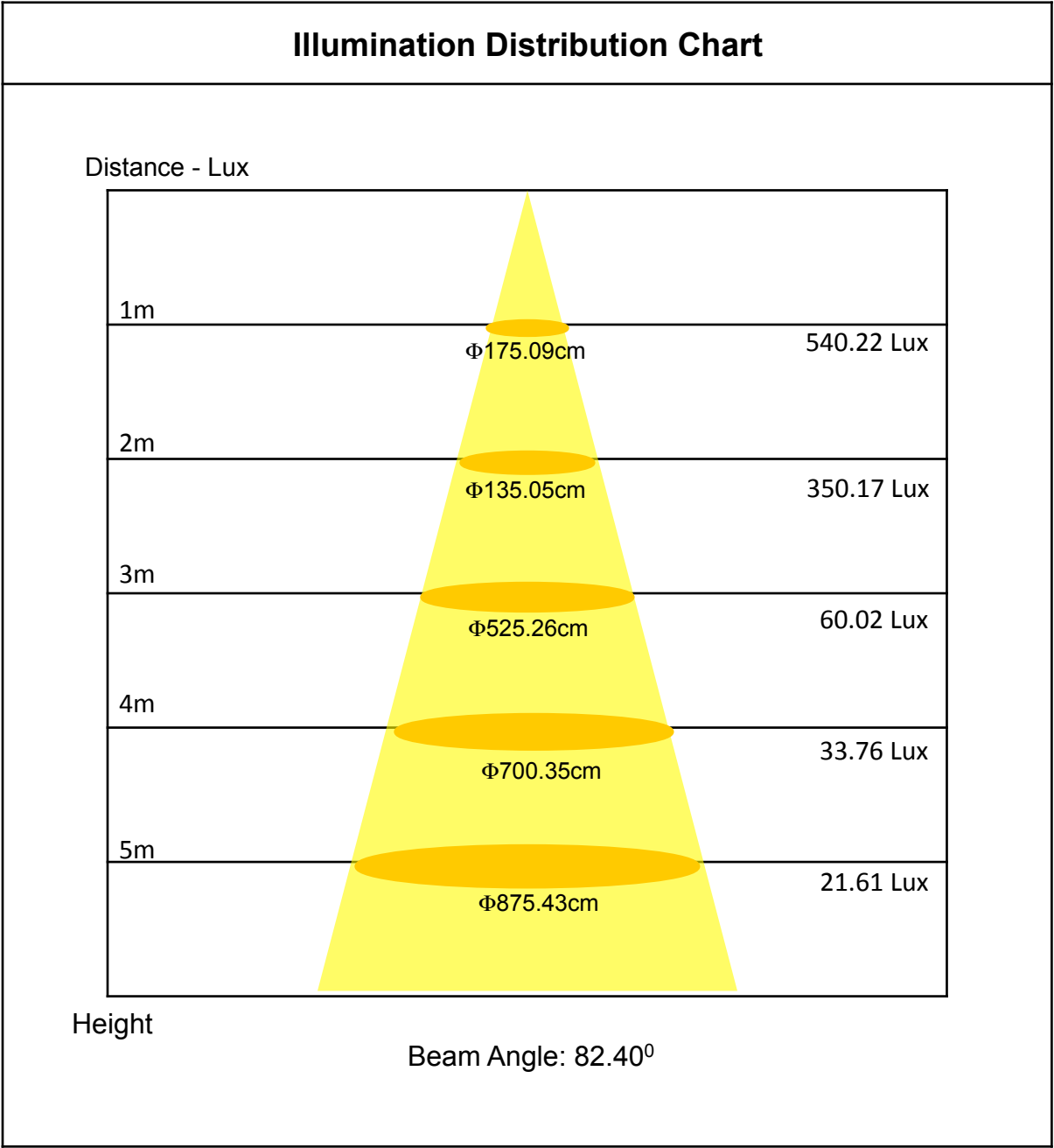
Dimension Diagrams (unit in mm)

SCP4W		
SDL40W-120		

SCP40W



SCP40W-120



LED Downlight



Features

- Light weight and uniform light source.
- High efficiency, constant current drive, wide voltage input range
- Low heat
- No flickering, no noise, no glare
- No Ultra Violet radiation
- No Radio Frequency interference
- Green, lead free and mercury free manufacturing process
- Comply with CE, ROHS and FCC's quasi-standard
- Interior Use in Residential / Commercial Areas
(Homes, Hotels, Restaurants, Office, Retail Shops)

SDL- Downlight series



SDL6W



SDL12W



Dimmer



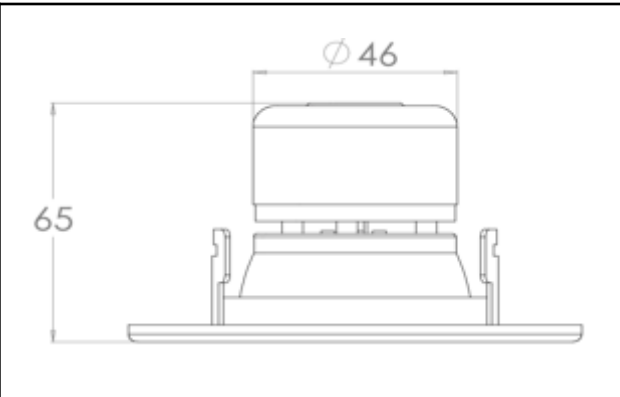
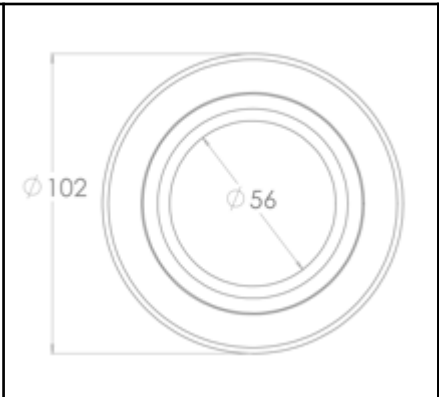
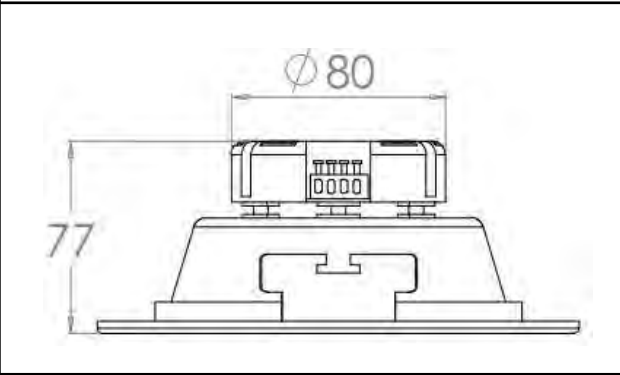
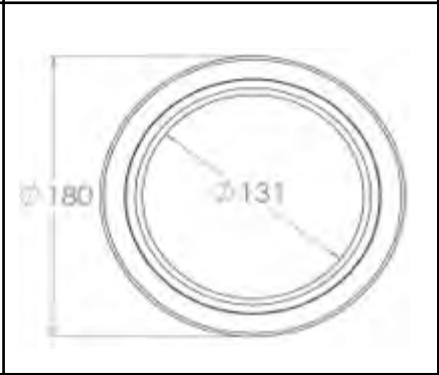
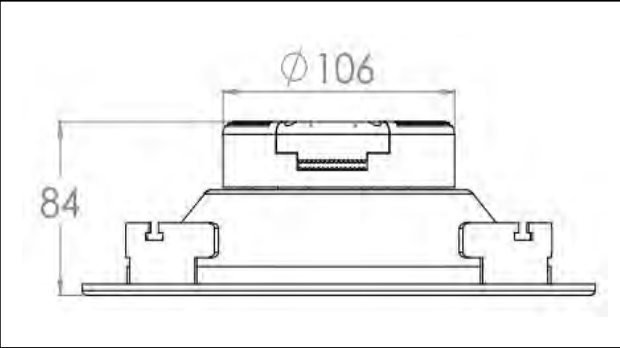
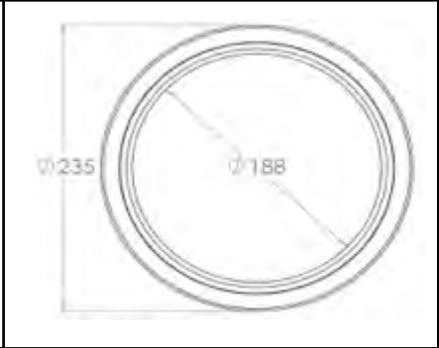
SDL24W

Model No	SDL6W	SDL12W	SDL24W
Power Specifications			
Voltage	100~240Vac	100~240Vac	100~240Vac
Current	>60mA	>120mA	>240mA
Power	6W±10%	12W±10%	24W±10%
Power Factor	<0.6	<0.6	<0.6
CRI	>80	>80	>80
Lifespan	>20000 hours	>20000 hours	>20000 hours
Weight	70 grams	230 grams	392 grams
Size	Φ102mm x 65mm	Φ180mm x 77mm	Φ235mm x 88mm
Circumference	3 inch	6 inch	8 inch
Installed Diameter	Φ75mm	Φ150mm	Φ210mm
Beam Angle	106°	106°	106°
AC Input	connector	terminal	terminal
Dimmer function	Non dimmable	Dimmer, Non dimmable	Non dimmable
Environment Specifications			
Operation Temperature	-20℃~50℃	-20℃~50℃	-20℃~50℃
Storage Temperature	-40℃~60℃	-40℃~60℃	-40℃~60℃
Operation Humidity	10%~90 %	10%~90 %	10%~90 %
The thermal balance of light intensity attenuation	>85%	>85%	>85%
Above information is the cooler test specifications in the normal temperature condition.			
Certifications			
CE-LVD, CE, CE-EMC, RoHS			

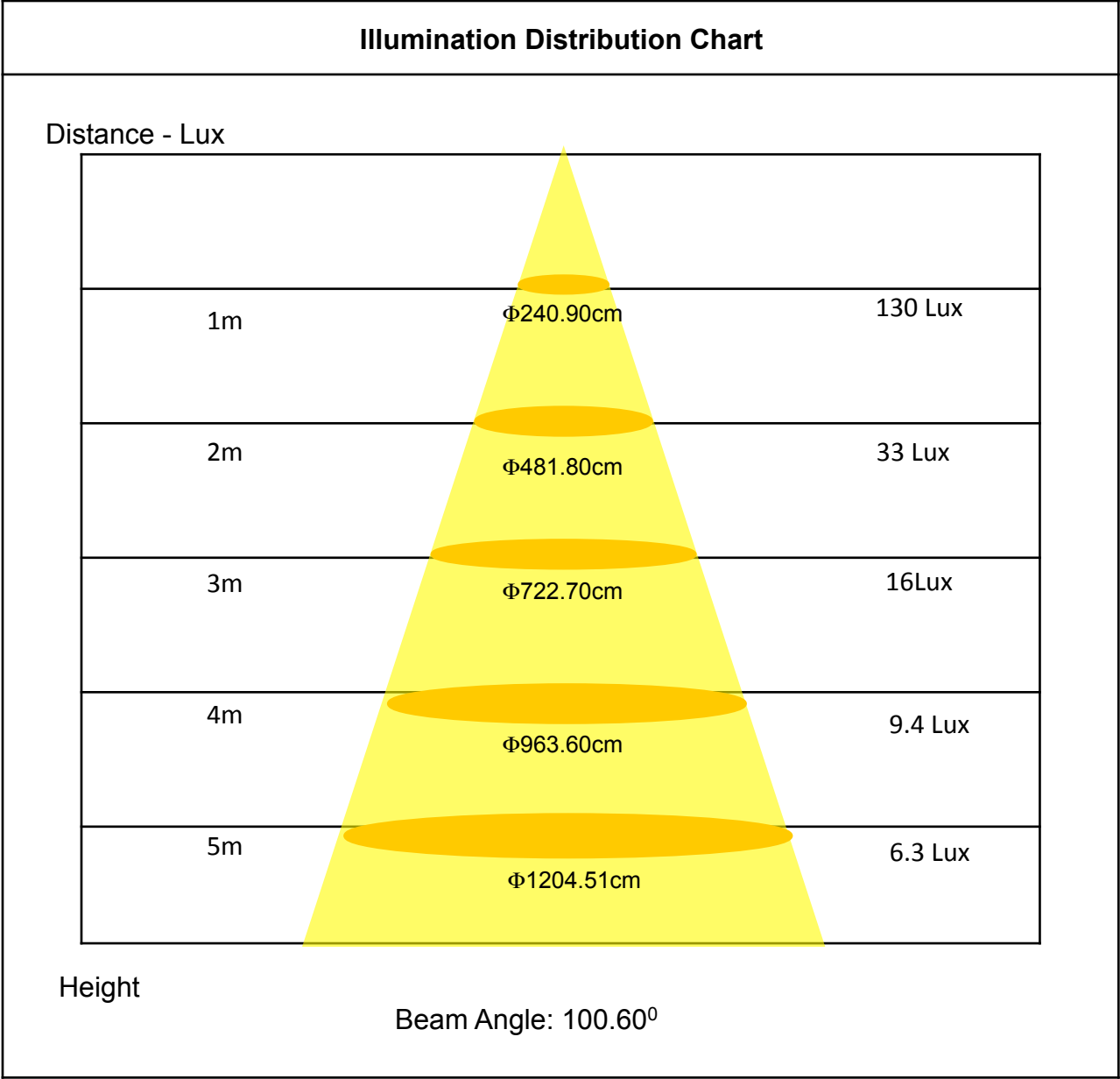
Illumination

Color Temperature	2600K~3300K	3700K~4300K	4700K~6000K
SDL6W	300 lm $\pm 10\%$	310 lm $\pm 10\%$	320 lm $\pm 10\%$
SDL12W	680 lm $\pm 10\%$	690 lm $\pm 10\%$	720 lm $\pm 10\%$
SDL24W	1500 lm $\pm 10\%$	1520 lm $\pm 10\%$	1530 lm $\pm 10\%$

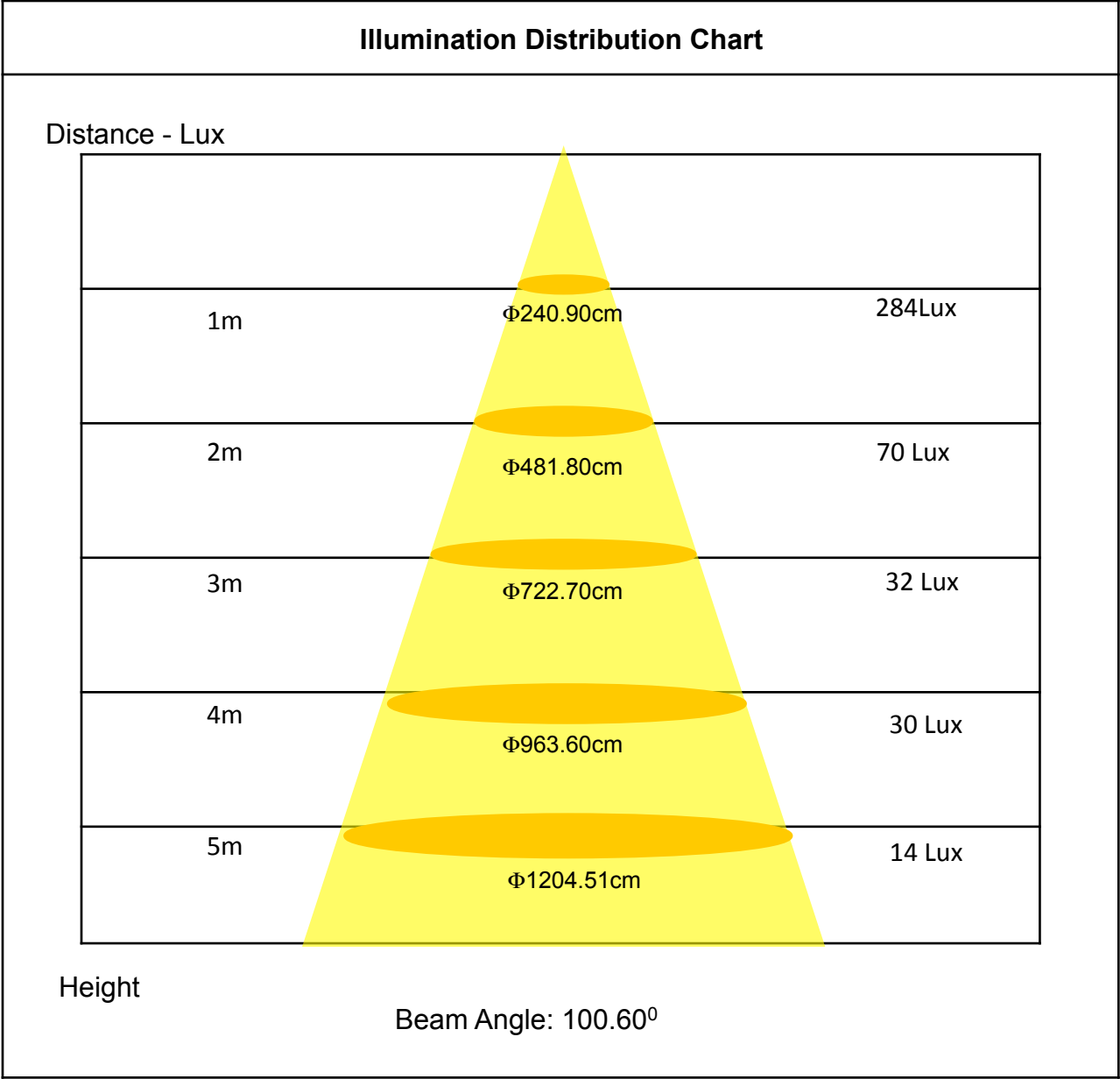
Dimension Diagrams (unit in mm)

SDL6W		
SDL12W		
SDL24W		

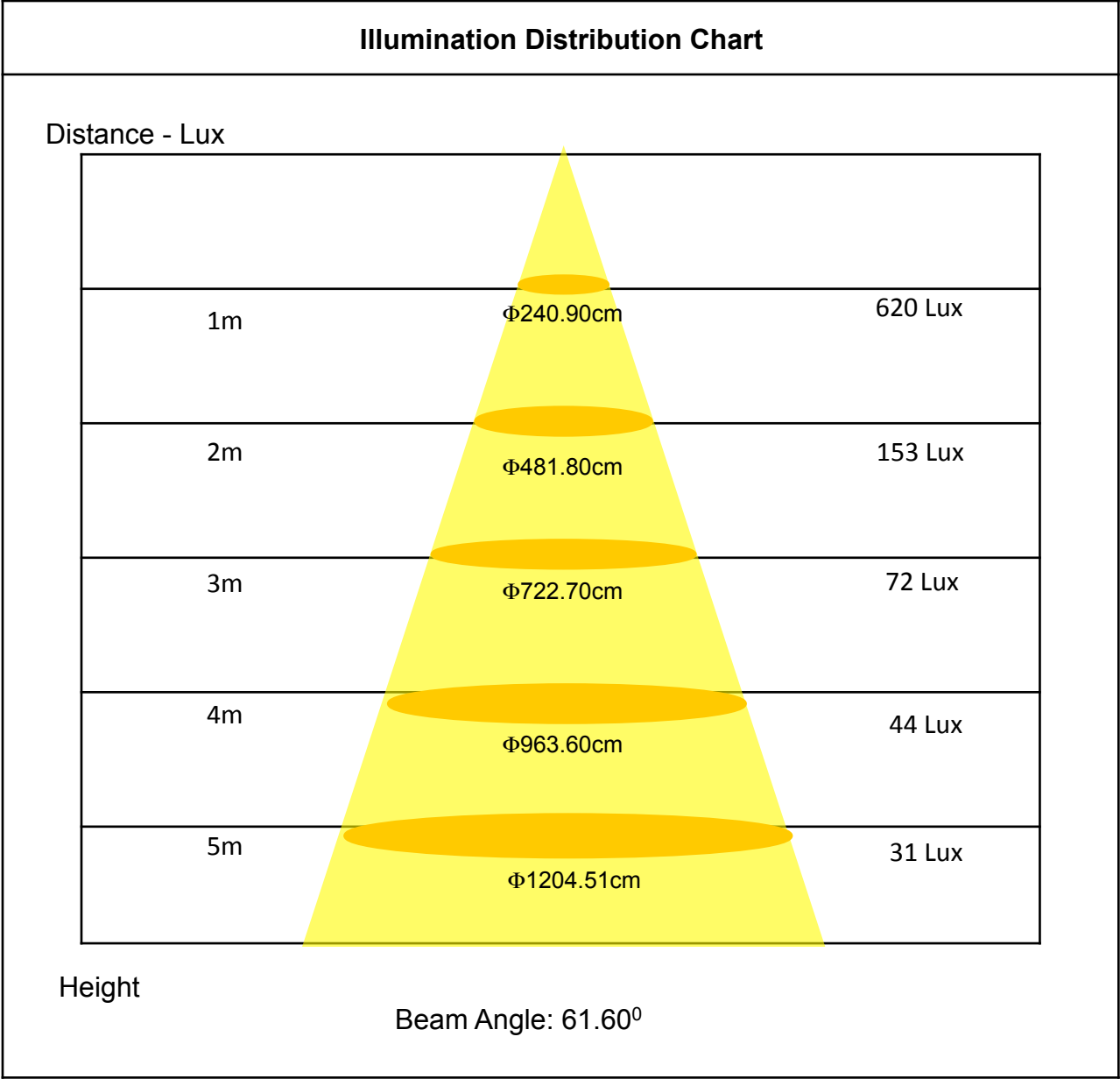
SDL6W



SDL12W



SDL24W



AR111

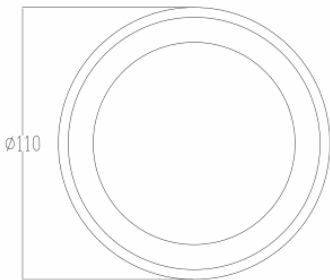
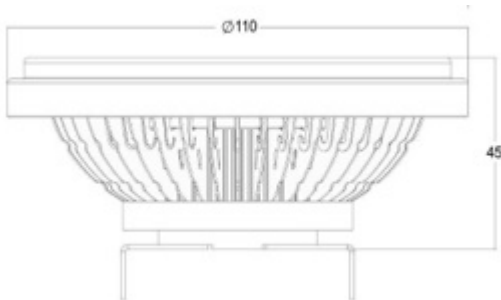


Power Specifications	
Voltage	100~240Vac
Current	<160mA
Power	18W ±10%
CRI	>80
Lifespan	>20000 hours
AC Input	Connector
Weight	220g
Size	Φ110mm x 45mm
Beam Angle	30°
Environment Specifications	
Operation Temperature	-20℃~50℃
Storage Temperature	-40℃~60℃
Operation Humidity	10%~90%
The thermal balance of light intensity attenuation	>85%
Above information is the cooler test specifications in the normal temperature condition.	
Certifications	
CE-EMC, RoSH	

Illumination

Color Temperature	2600K~3300K	4000K~4700K	5000K~6500K
	Warm White	Neutral White	Cool White
Lumens	1320lm ±10%	1340lm ±10%	1360lm ±10%

Dimension (unit in mm)





Par 30



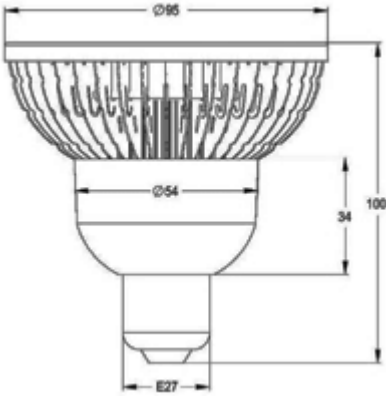
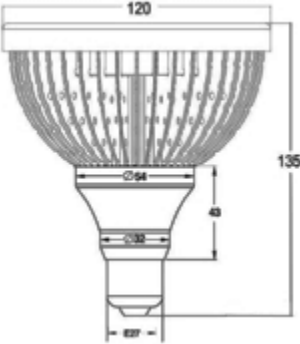
Par 38

Model No	Par30	Par38
Power Specifications		
Voltage	100~240Vac	100~240Vac
Current	>120mA	>120 mA
Power	12W±10%	20W±10%
Power Factor	>0.9	>0.9
CRI	>80	>80
Lifespan	>20000 hours	>20000 hours
Weight	145 grams	300 grams
Size	Φ95mm x 100mm	Φ120mm x 130mm
Socket	E27	E27
Installed Diameter	Φ95mm	Φ120mm
Beam Angle	30°	26°
Environment Specifications		
Operation Temperature	-20℃~50℃	-20℃~50℃
Storage Temperature	-40℃~60℃	-40℃~60℃
Operation Humidity	10%~90 %	10%~90 %
The thermal balance of light intensity attenuation	>85%	>85%
Above information is the cooler test specifications in the normal temperature condition.		
Certifications		
CE-LVD, CE-EMC, RoHS		

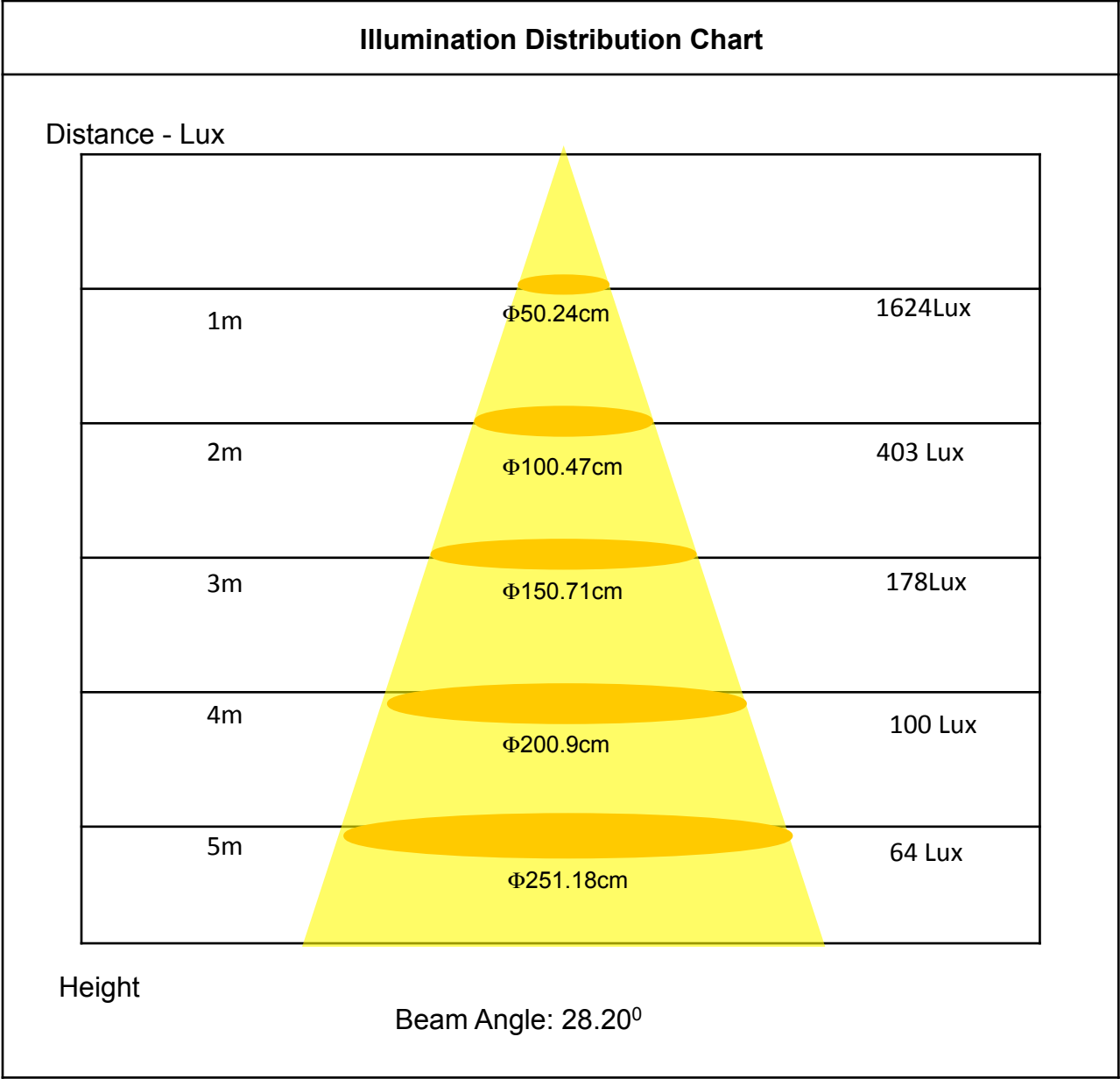
Illumination

Color Temperature	2600K~3300K	4700K~6000K
Par30	820lm±10%	730lm±10%
Par38	910lm±10%	1030lm±10%

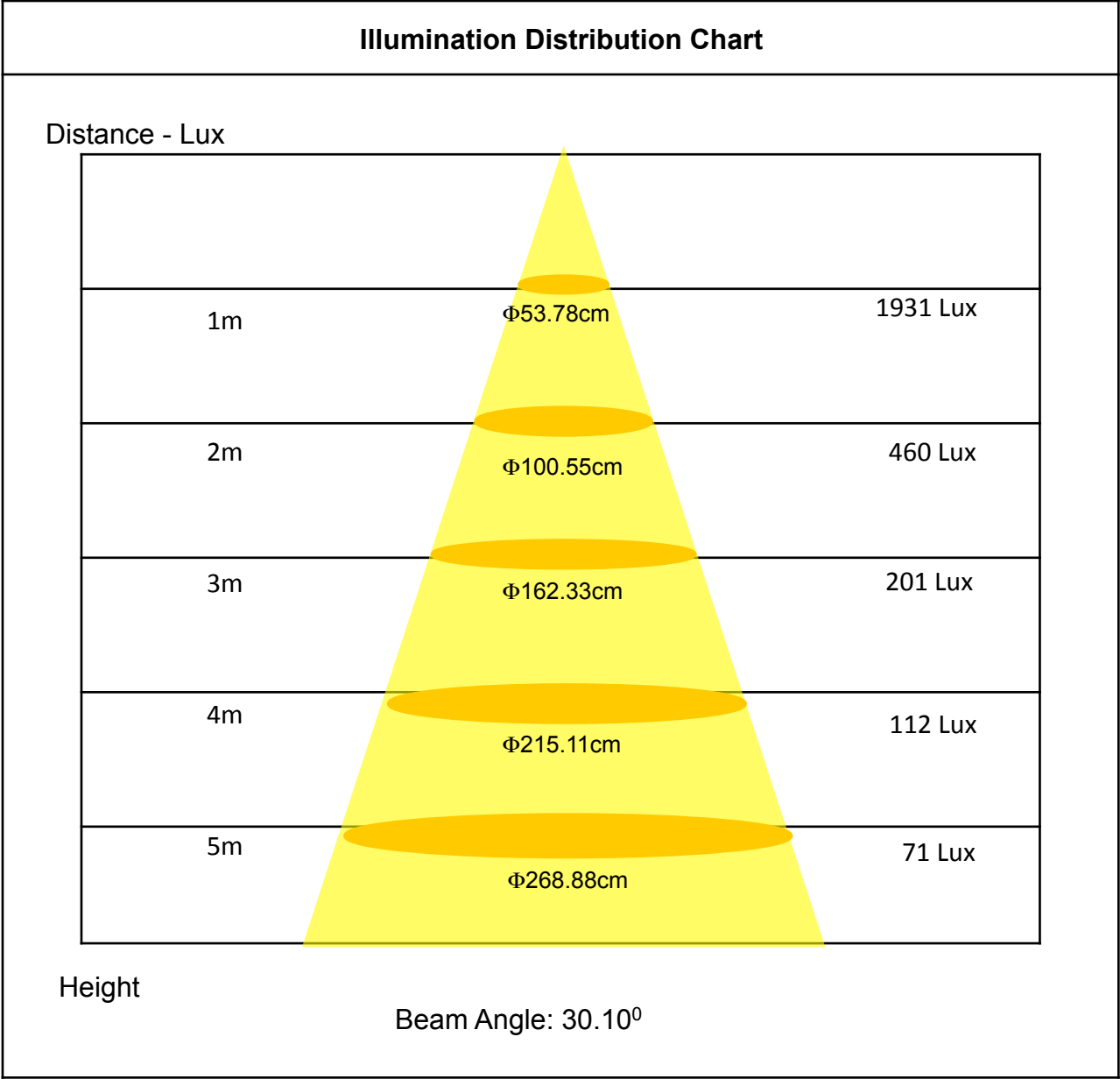
Dimension Diagrams (unit in mm)

Par30		
Par38		

Par30



Par38



LOWBAY LIGHT

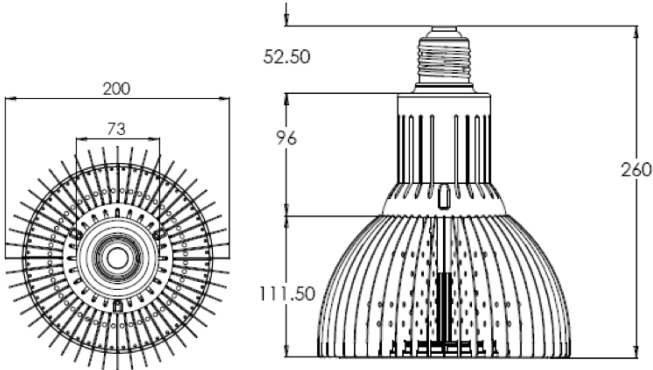
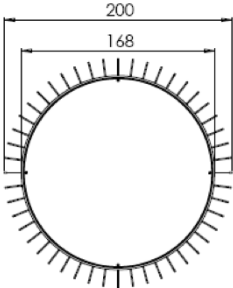
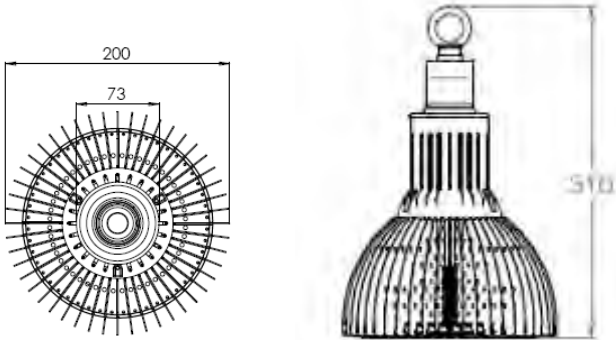
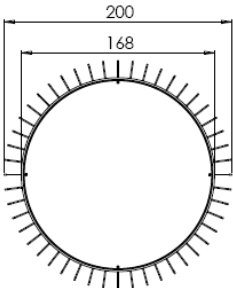
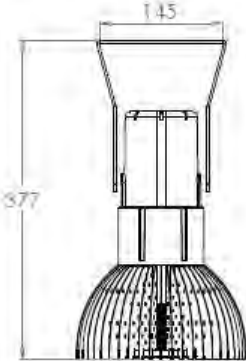
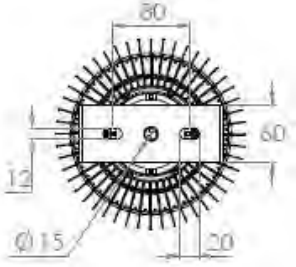


Model No	LB-60W	LB-90W
Power Specifications		
Voltage	100~277Vac	100~277Vac
Current	<0.6A ±10%	<0.9A ±10%
Power	60W±10%	90W±10%
CRI	>80	>80
Lifespan	>30000 hours	>30000 hours
Weight	1.2Kg	1.2Kg
Size (E40)	Φ200mm x 260mm	Φ200mm x 260mm
Size (Ring)	Φ200mm x 310mm	Φ200mm x 310mm
Size (Stand)	Φ200mm x 377mm	Φ200mm x 377mm
Socket	E40/ Ring/ Stand	E40/ Ring/ Stand
Beam Angle	120°	120°
Installed Height	3m~ 5m	3m~ 5m
Environment Specifications		
Operation Temperature	-20℃~50℃	-20℃~50℃
Storage Temperature	-40℃~60℃	-40℃~60℃
Operation Humidity	10%~90 %	10%~90 %
Certifications		
CE-EMC, CE-LVD, RoSH		

Illumination

	Cree, 88lm/W	Nichia, 95lm/W
LB-60W	7920 lm ±10%	8600lm ±10%
LB-90W	5280 lm ±10%	5700 lm ±10%

Dimension Diagrams with accessories (unit in mm)

E40		
Ring		
Stand		

HIGHBAY LIGHT



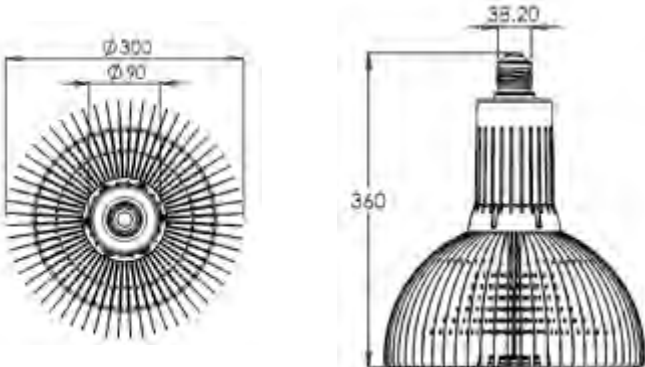
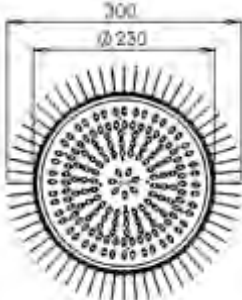
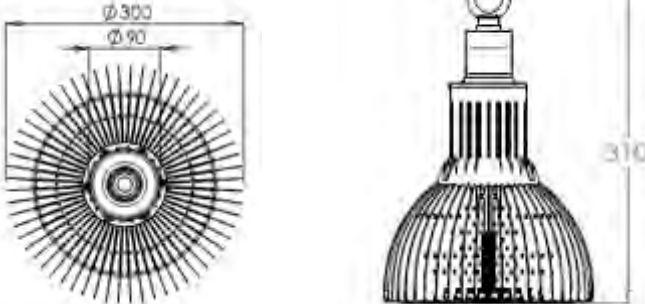
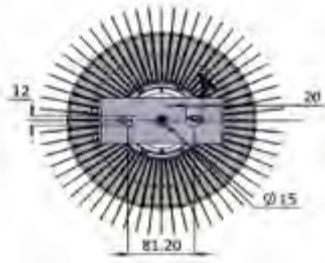
UL No: E351012
HB242-Series

Model No	HB-120W	HB-150W	HB-180W
Power Specifications			
Voltage	100~277Vac	100~277Vac	100~277Vac
Current	<1.2A ±10%	<1.5A ±10%	<1.8A ±10%
Power	120W±10%	150W±10%	180W±10%
CRI	>80	>80	>80
Lifespan	>30000 hours	>30000 hours	>30000 hours
Weight	3.2Kg~ 3.9Kg	3.4Kg~ 4.1Kg	3.4Kg~ 4.1Kg
Size (E40)	Φ300 x 360 mm	Φ300 x 360 mm	Φ300 x 360 mm
Size (Ring)	Φ300 x 400 mm	Φ300 x 400 mm	Φ300 x 400 mm
Size (Stand)	Φ300 x 350 mm	Φ300 x 350 mm	Φ300 x 350 mm
Socket	E40/ Ring/ Stand	E40/ Ring/ Stand	E40/ Ring/ Stand
Beam Angle	120°	120°	120°
Installed Height	5m~12m	5m~12m	5m~12m
Environment Specifications			
Operation Temperature	-20℃~50℃	-20℃~50℃	-20℃~50℃
Operation Temperature (Stand)	-20℃~40℃	-20℃~40℃	-20℃~40℃
Storage Temperature	-40℃~60℃	-40℃~60℃	-40℃~60℃
Operation Humidity	10%~90 %	10%~90 %	10%~90 %
Certifications			
CE-EMC, CE-LVD, RoSH, UL Number: E351012			

****Product item does not include accessories such as ring, stand bracket and to be purchase separately.**

	Cree, 88lm/W	Nichia, 95lm/W
HB-120W	10560lm ±10%	11400lm ±10%
HB-150W	13200lm ±10%	14250lm ±10%
HB-180W	15840lm ±10%	17100lm ±10%

Dimension Diagrams with accessories (unit in mm)

E40		
Ring		
Stand	 	

iHost DMX512 system

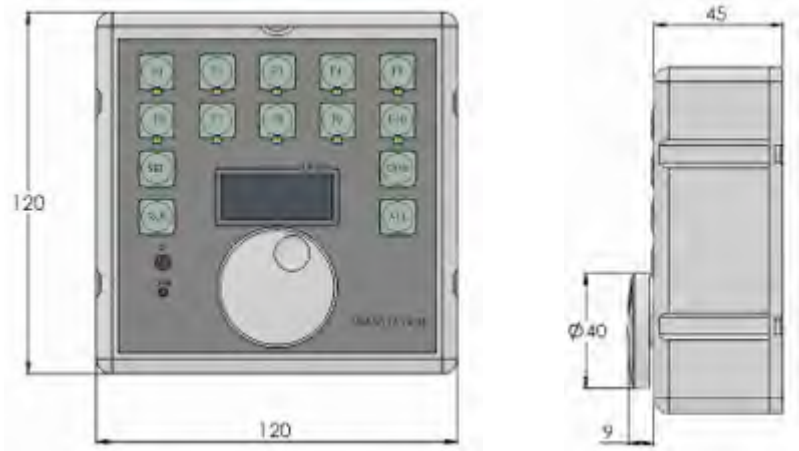


Power Supply Voltage	12Vdc
Power Supply Current	250mA
Power Consumption	3W
Fan-Out	32 X 4
Protocol	DMX512
Wireless Control	IR Remote control

Features:

- Luminance Adjustment Function: 0% =lightless ~ 100% =lightest
- Reduce the human resource cost by running programs automatically according to time setting
- Smart Control which enable to SET and SAVE several programs in one iHost simultaneously depending on the different lighting time set in time/week
- Multiple Settings in programs to adjust the luminance in accordance with different lighting demands and provide conveniently adjustment to control a single lamp, group lamps or all lamps in whole system
- Multiple Applications allows control up to 128 lamps to suit on your requirements

Dimension (unit in mm)



LED Strips Light



Features

- High brightness and long life span
- IP65 unique waterproof system for outdoor usage
- Applications:
 - Backing of channel letters
 - Gallery lighting
 - Building facade

Model No: SL5050

Power Specifications						
Emitting Color:	WW	CW	R	B	G	Y
Color Temperature:	2700K~ 2900K	6000K~ 6500K	625nm	525nm	470nm	590nm
Voltage :	12 Vac					
Current:	1164mA per meter/ 5833mA per reel					
Power:	14W per meter/ 70W per reel					
Class:	IP65					
Life Span:	>20000 hours					
Beam angle:	120 degrees					
Dimension:	5 meters/ reel					
Number of LEDs:	60 LEDs per meter/ 300 LEDs per reel					
Lumens	3500lm	3660lm	1250lm	2910lm	580lm	1080lm
Environment Specifications						
Operation Temperature:	-5℃~45℃					
Operation Humidity:	10%~90 %					

LED STREETLIGHT



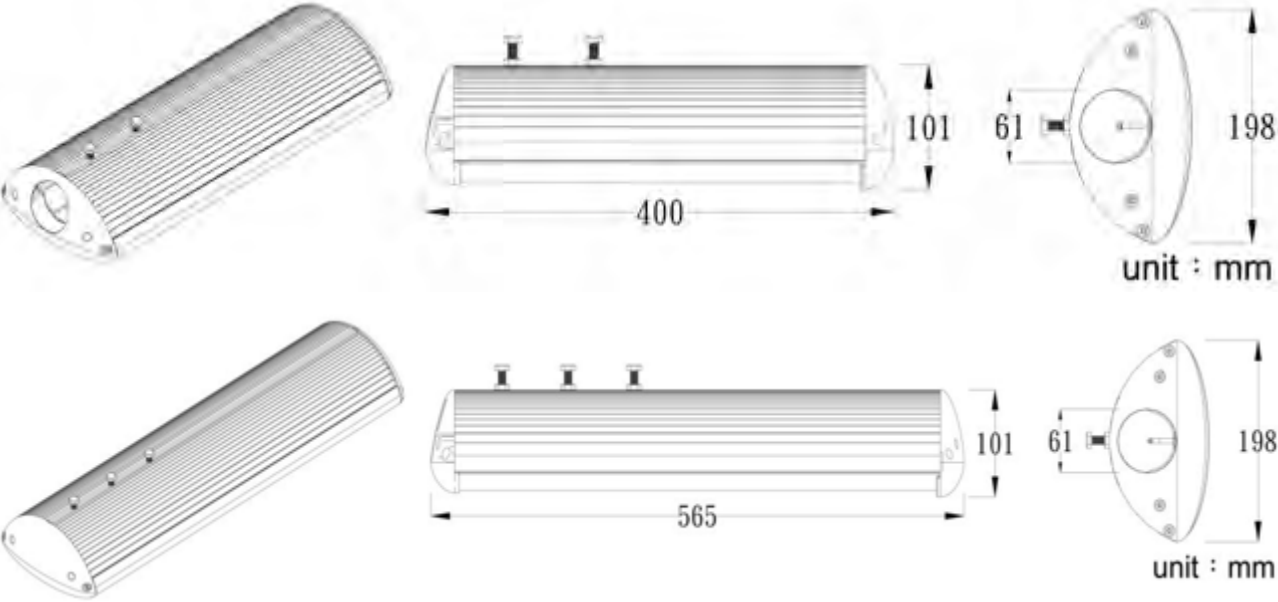
30W



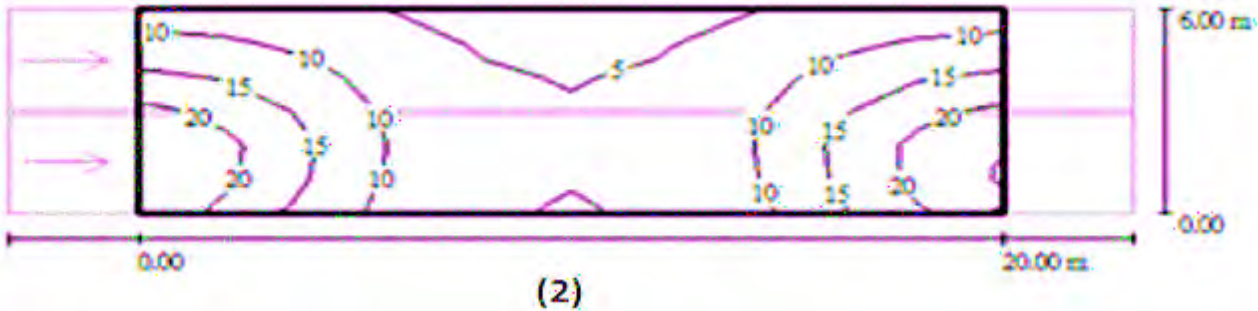
60W

Model No	STRL-30W	STRL-60W
Power Specifications		
Voltage	100~240Vac	100~240Vac
LED Light Source	Cree/ Nichia	Cree/ Nichia
Power	30W±10%	60W±10%
CRI	>70	>70
Weight	4.4Kg	5Kg
Size	Φ400mm x 198mm x 101mm	Φ565mm x 198mm x 101mm
Luminous flux	>1900lm	>4700lm
Life Span	>50000 hours	>50000 hours
IP Level	IP67	IP67
Color Temperature	5000K ±1000K	5000K ±1000K
Environment Specifications		
Operation Temperature	-40℃~60℃	-40℃~60℃
Operation Humidity	10%~90%	10%~90%
Certifications		
CE-EMC, CE-LVD, RoSH		

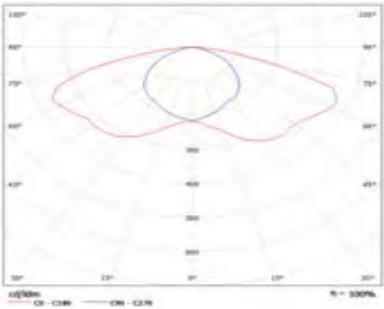
Dimension Diagrams (unit in mm)



Roadway Surface illuminance distribution at 6M Height)



	5000k, 3000lm	
Minimum illumination	4lux	
Average illumination	12lux	
Maximum illumination	26lux	
Uniformity	0.38	



- (1) Road Width : 6M
- (2) Pole Distance : 20M
- (3) Mounting Height : 5M
- (4) Boom Angle : 15°

LED STREETLIGHT



100W



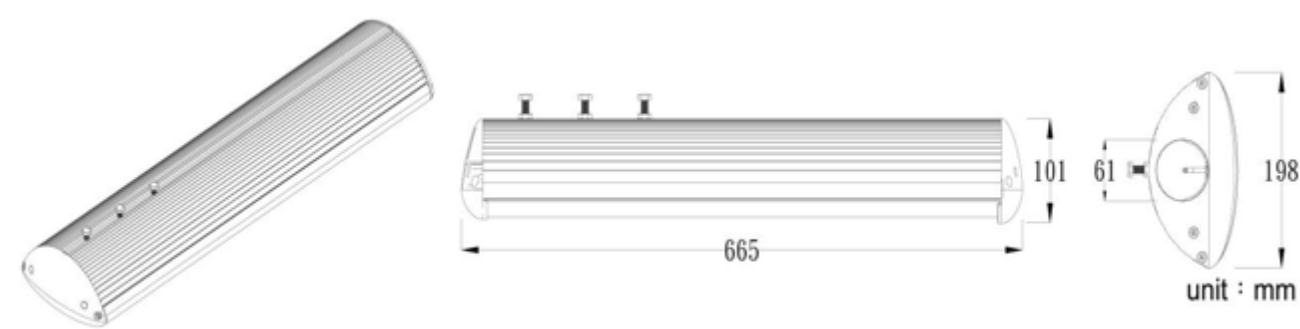
120W



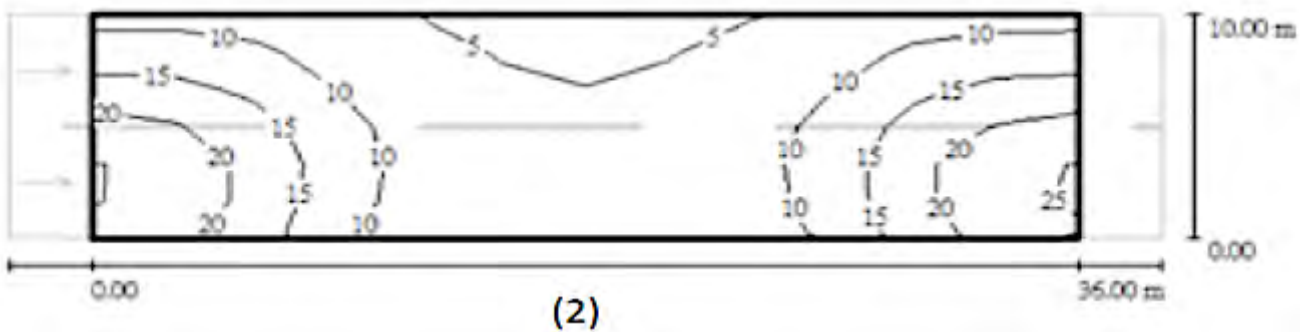
150W

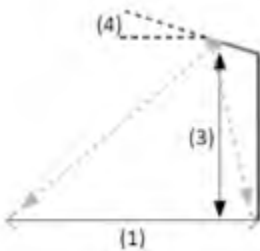
Model No	STRL-100W		STRL-120W	STRL-150W
Power Specifications				
Voltage	100~240Vac			
LED Light Source	Cree/ Nichia			
Power	100W±10%	120W±10%	150W±10%	
CRI	>70			
Weight	6Kg			
Size	Φ665mm x 198mm x 101mm			
Luminous flux	>9100lm	>11000lm	>13300lm	
Life Span	>50000 hours	>50000 hours	>50000 hours	
IP Level	IP67	IP67	IP67	
Color Temperature	5000K ±1000K	5000K ±1000K	5000K ±1000K	
Environment Specifications				
Operation Temperature	-40℃~60℃			
Operation Humidity	10%~90%			
Certifications				
CE-EMC, CE-LVD, RoSH				

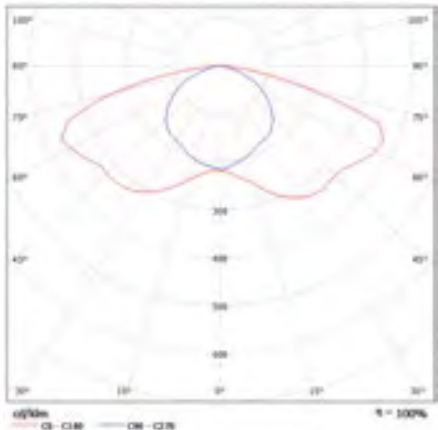
Dimension Diagrams (unit in mm)



Roadway Surface illuminance distribution at 9M Height) for LED 100W streetlight

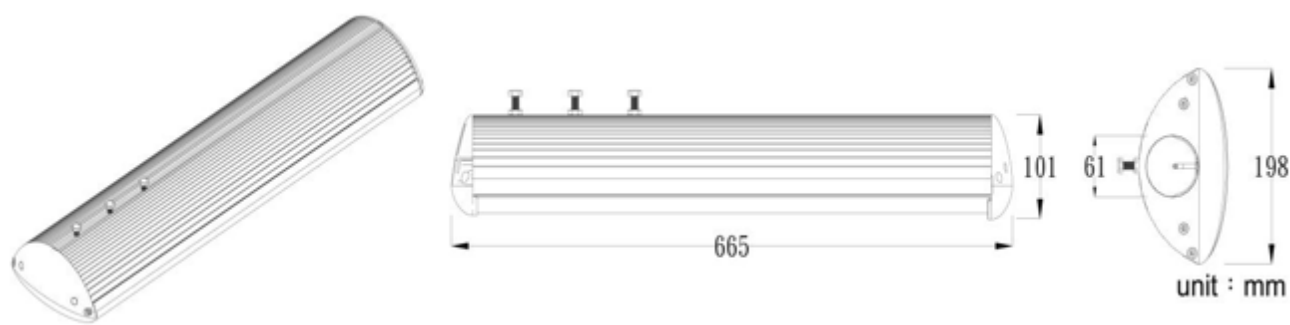


	5000k, 9100lm	
Minimum illumination	4lux	
Average illumination	12lux	
Maximum illumination	25lux	
Uniformity	0.35	

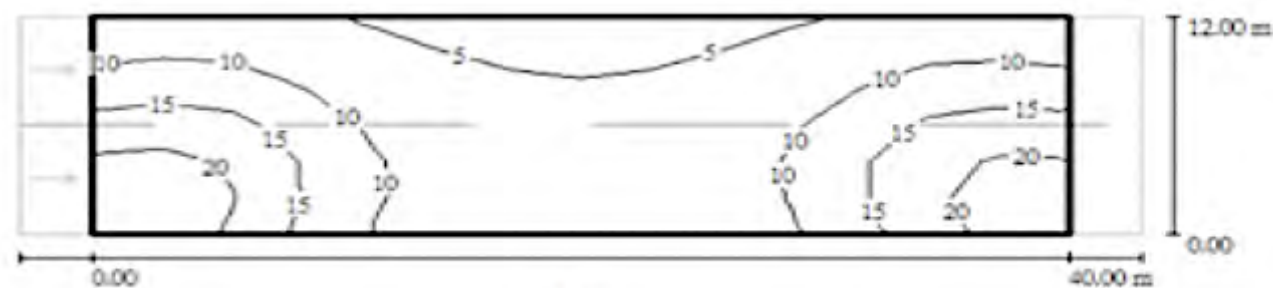


- (1) Road Width : 10M
- (2) Pole Distance : 36M
- (3) Mounting Height : 9M
- (4) Boom Angle : 15°

Dimension Diagrams (unit in mm)

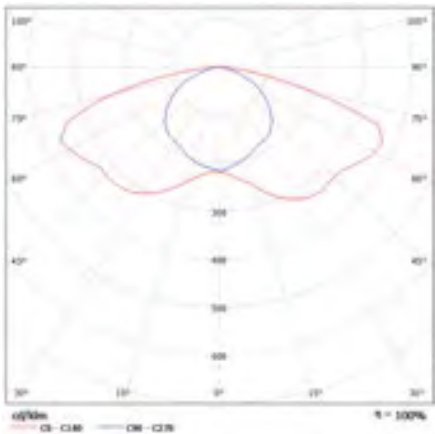


Roadway Surface illuminance distribution at 10M Height) for LED 120W streetlight



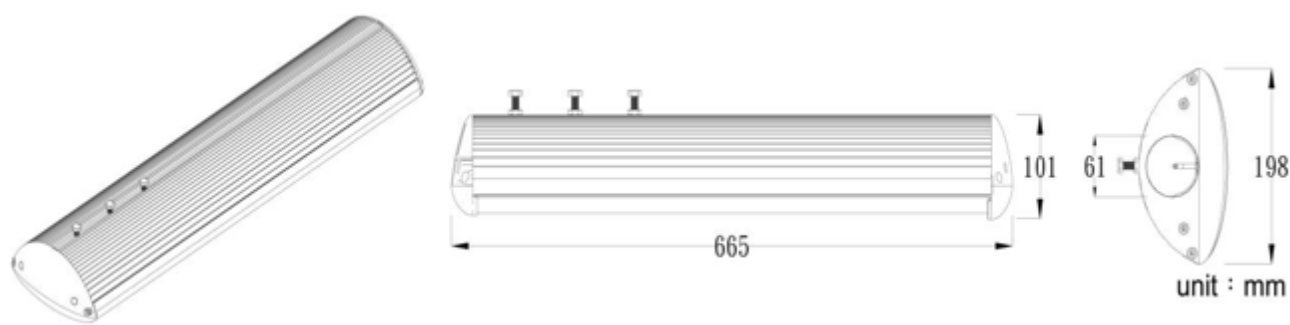
(2)

	5000k, 11000lm	
Minimum illumination	4lux	
Average illumination	11lux	
Maximum illumination	23lux	
Uniformity	0.37	

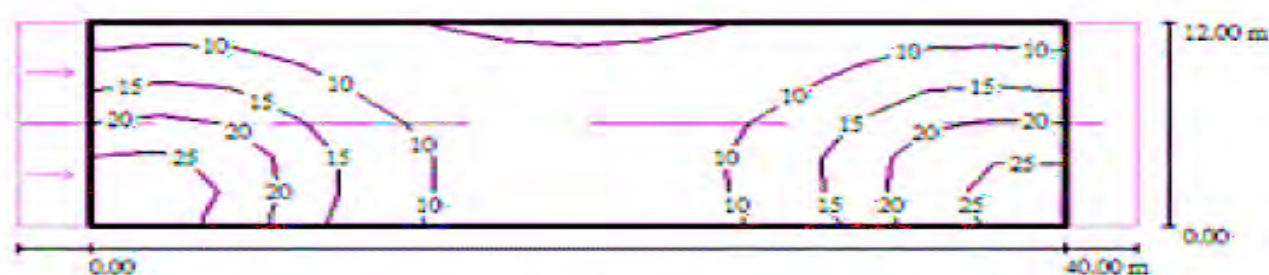


- (1) Road Width : 12M
- (2) Pole Distance : 45M
- (3) Mounting Height : 10M
- (4) Boom Angle : 15°

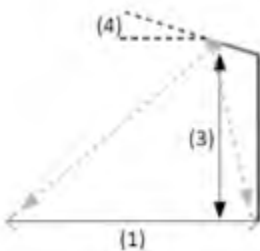
Dimension Diagrams (unit in mm)

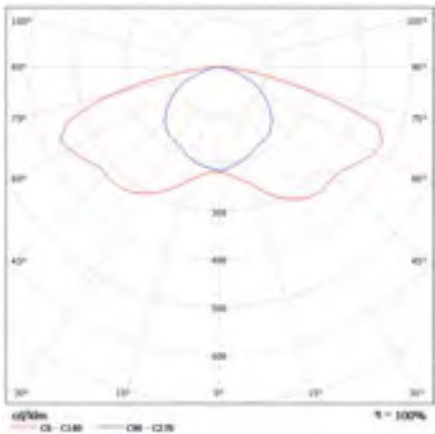


Roadway Surface illuminance distribution at 10M Height) for LED 150W streetlight



(2)

	5000k, 13300lm	
Minimum illumination	4.8lux	
Average illumination	13lux	
Maximum illumination	28lux	
Uniformity	0.37	



- (1) Road Width : 12M
- (2) Pole Distance : 40M
- (3) Mounting Height : 10M
- (4) Boom Angle : 15°

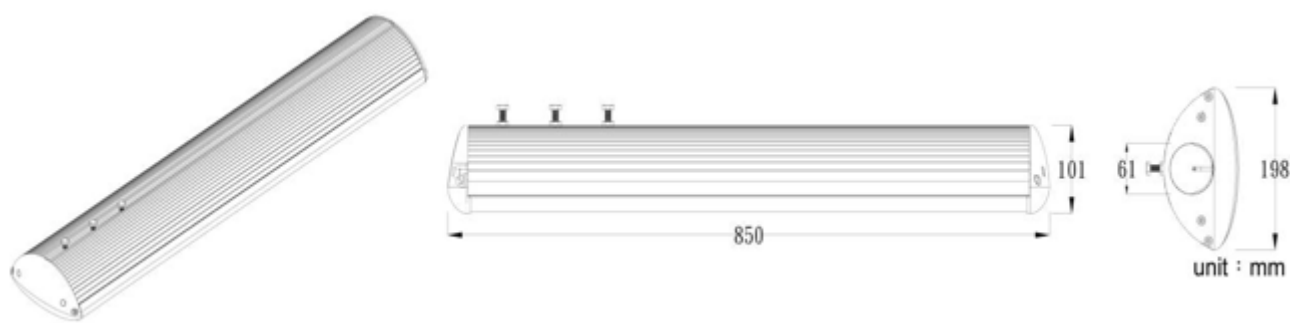
LED STREETLIGHT



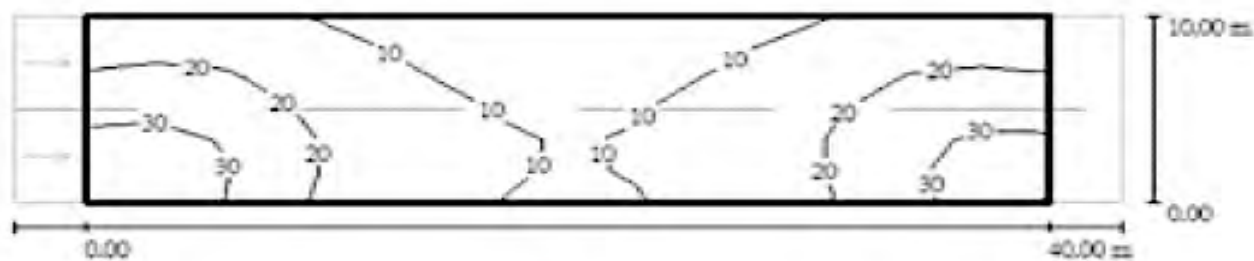
180W

Model No	STRL-180W
Power Specifications	
Voltage	100~240Vac
LED Light Source	Cree/ Nichia
Power	180W±10%
CRI	>70
Weight	8Kg
Size	Φ850mm x 198mm x 101mm
Luminous flux	16600lm
Life Span	>50000 hours
IP Level	IP67
Color Temperature	5000K ±1000K
Environment Specifications	
Operation Temperature	-40℃~60℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Dimension Diagrams (unit in mm)

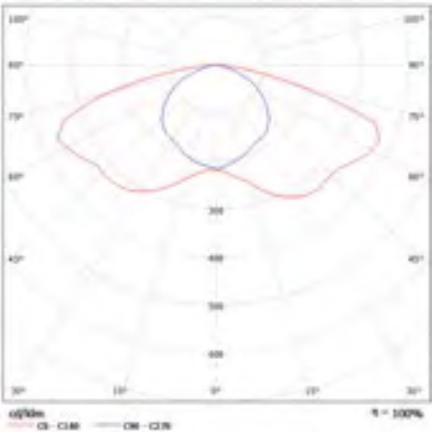


Roadway Surface illuminance distribution at 10M Height) for LED 150W streetlight



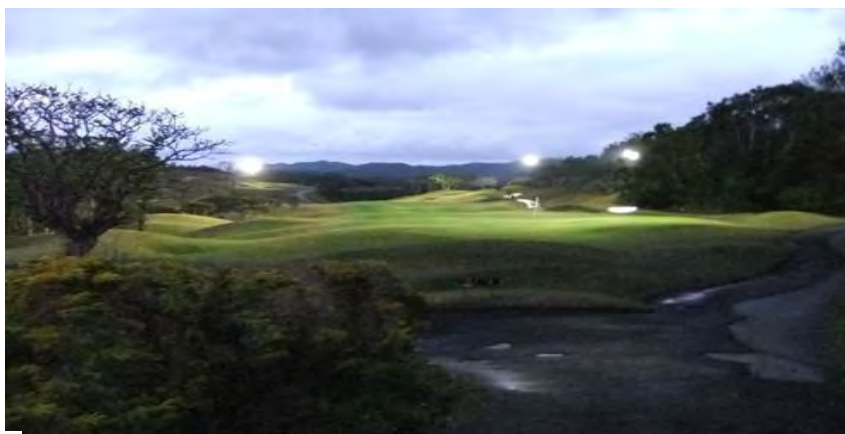
(2)

	5000k, 13300lm	
Minimum illumination	6.5lux	
Average illumination	17lux	
Maximum illumination	35lux	
Uniformity	0.4	



- (1) Road Width : 10M
- (2) Pole Distance : 40M
- (3) Mounting Height : 10M
- (4) Boom Angle : 15°

LED PROJECTION LIGHT



Features

- High efficiency
- 90lm/w for cool white
- Available in warm, neutral and cool white
- Integrated in different environmental conditions
- Optional optical components are provided

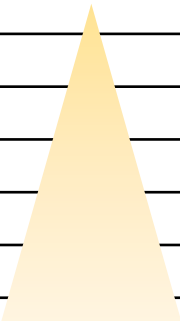
Power Specifications	
Voltage	100~240Vac
LED Light Source	Cree/ Nichia
Power	35W±10%
Weight	2.5Kg
Size	Φ350mm x 170mm x 85mm
Housing	Aluminum Alloy/ Stainless Steel
Life Span	>25000 hours
IP Level	Module: IP68 Power Supply: IP67
Color Temperature	2580K~ 7040K
Environment Specifications	
Operation Temperature	-30℃~80℃
Storage Temperature	-30℃~50℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

Illumination

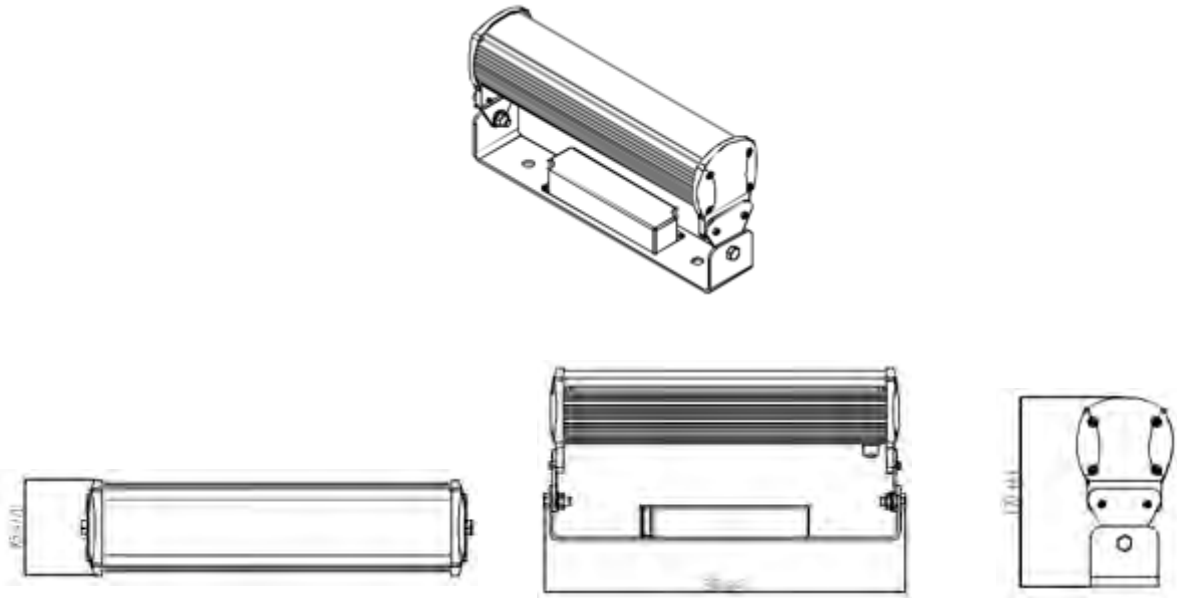
Beam Angle	Lumens		
	30°	60°	90° (Reflector)
Cool White	3300lm	6320lm	2900lm
Neutral White	2980lm	2800lm	2600lm
Warm White	2500lm	2400lm	2300lm

Photometric

Height	Center Beam Lux				
	Cool White	Neutral White	Warm White	Beam Width	
2 meters	7120lux	6500lux	5570lux		0.5 meters
4 meters	1780lux	1640lux	1390lux		1.1 meters
6 meters	790lux	720lux	610lux		1.6 meters
8 meters	440lux	410lux	340lux		2.1 meters
10 meters	285lux	260lux	220lux		2.6 meters
12 meters	190lux	180lux	150lux		3.2 meters



Dimension (unit in mm)



OFL070-70W



Features

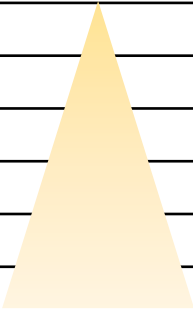
- High efficiency
- 90lm/w for cool white
- Available in warm, neutral and cool white
- Integrated in different environmental conditions
- Optional optical components are provided

Power Specifications	
Voltage	100~240Vac
LED Light Source	Cree/ Nichia
Power	70W±10%
Weight	4Kg
Size	Φ600mm x 168mm x 85mm
Housing	Aluminum Alloy/ Stainless Steel
Life Span	>25000 hours
IP Level	Module: IP68 Power Supply: IP67
Color Temperature	2580K~ 7040K
Field Angle	30º
Environment Specifications	
Operation Temperature	-30℃~80℃
Storage Temperature	-30℃~50℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

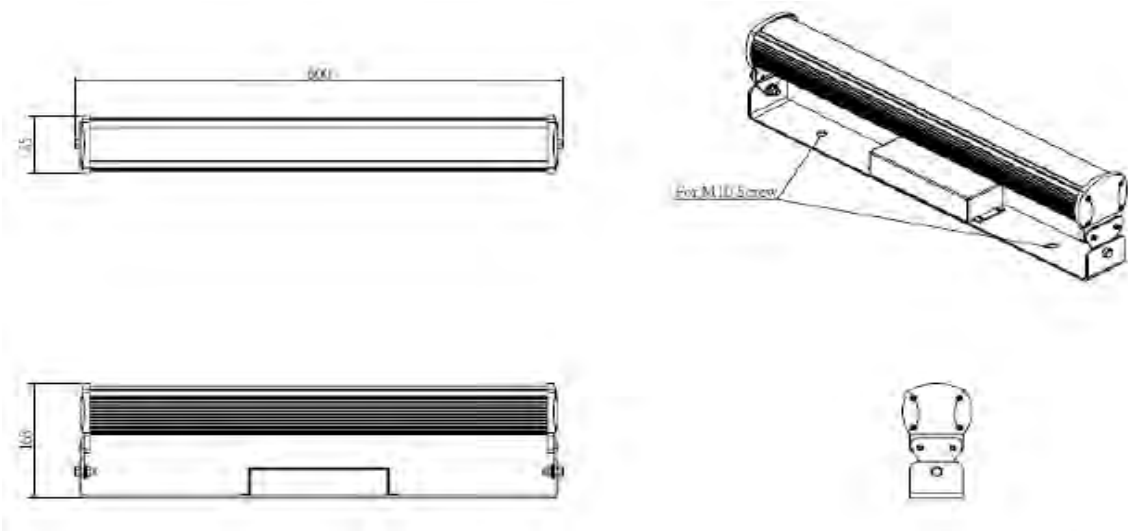
Illumination

Color Temperature	Cool White	Neutral White	Warm White
	5000K~ 8300K	3700K~ 5000K	2600K~ 3700K
Lumens	6300lm	6000lm	5300lm

Photometric

Height	Center Beam Lux				
	Cool White	Neutral White	Warm White	Beam Width	
5 meters	1955lux	1655lux	1520lux		2.7 meters
10 meters	489lux	414lux	380lux		5.4 meters
20 meters	122lux	103lux	95lux		10.7 meters
30 meters	54lux	46lux	42lux		16.1 meters
40 meters	31lux	26lux	24lux		21.4 meters
50 meters	20lux	17lux	15lux		26.8 meters

Dimension (unit in mm)



OFL035-70W



Features

- High efficiency
- 90lm/w for cool white
- Available in warm, neutral and cool white
- Integrated in different environmental conditions
- Optional optical components are provided

Power Specifications	
Voltage	100~240Vac
LED Light Source	Cree/ Nichia
Power	70W±10%
Weight	5.5Kg
Size	Φ335mm x 307mm x 204mm
Housing	Aluminum Alloy/ Stainless Steel
Life Span	>25000 hours
IP Level	Module: IP68 Power Supply: IP67 Power Box: IP65
Color Temperature	2580K~ 7040K
Field Angle	30°, 60°, reflector 90°
Environment Specifications	
Operation Temperature	-30℃~80℃
Storage Temperature	-30℃~50℃
Operation Humidity	10%~90%
Certifications	
CE-EMC, CE-LVD, RoSH	

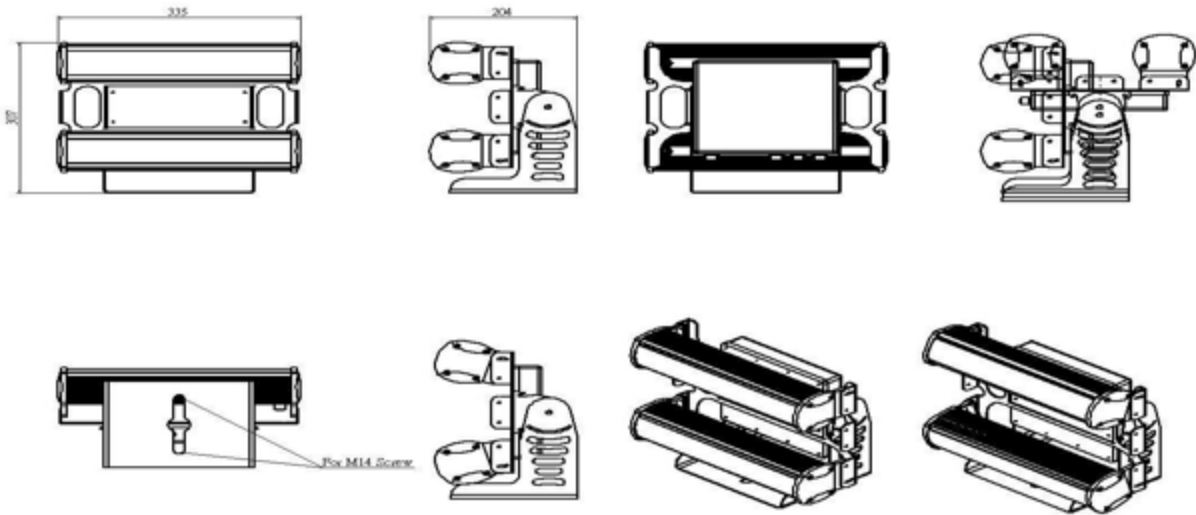
Illumination

Beam Angle	Lumens		
	30°	60°	90° (Reflector)
Cool White	6800lm	6400lm	6000lm
Neutral White	6000lm	5800lm	5400lm
Warm White	5000lm	4800lm	4600lm

Photometric

Height	Center Beam Lux				Beam Width
	Cool White	Neutral White	Warm White		
5 meters	1955 lux	1655 lux	1520 lux		2.7 meters
10 meters	489 lux	414 lux	380 lux		5.4 meters
20 meters	122 lux	103 lux	95 lux		10.7 meters
30 meters	54 lux	46 lux	42 lux		16.1 meters
40 meters	31 lux	26 lux	24 lux		21.4 meters
50 meters	20 lux	17 lux	15 lux		26.8 meters

Dimension (unit in mm)



LED-SOLAR STREETLIGHT



Lamp	
LED Source	CREE/ NICHIA
Power	30W $\pm$ 10% / 60W $\pm$ 10%
Lumens	> 2700lm
Color Temperature	3500K ~ 6500K
CRI	>70
Operating Temperature	-5°C ~50°C
IP Level	IP67
Weight	< 4kg
Dimension	Φ400mm x 198mm x 101mm
Solar Panel	
Peak Power Rating	90Wp / 180wp
Operating Temperature	-40°C ~80°C
Dimension	Φ1024mm x 676mm x 42mm
Charge Controller	
Type	PV/Grid hybrid, MPPT
Protection Level	Charge Protection & IP67
Operating Temperature	-35°C ~55°C
Dimension	Φ140mm x 70mm x 26.5mm
Weight	1.5kg
Battery (Deep-Cycle)	
Voltage	12V
Capacity	>100 AH
Operating Temperature	-5°C ~50°C
Weight	>24kg
Dimension	Φ350mm x 167mm x 183mm