

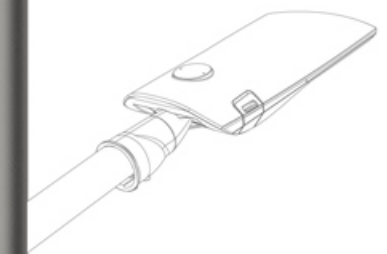
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FF LIGHTING MOSTAR





Company Profile

Hmostar founded in 1989 is located in Danyang City, Jiangsu province, China. Zhenjiang and Shanghai port are the nearest. Hmostar has two plants: new factory has 100,000m²; Another one has 23,500m². It has more than 300 skilled employees and engineers and equipped our our laboratory. Hmostar is a professional lighting manufacturer specialized in R&D, production, domestic and international sales of Light pole, HID / LED street light, LED garden light, LED flood light, LED high bay & High mast which are exported to more than 50 countries and regions in Asia, Europe, North America, South America, Middle east and Africa, etc.

Testing Centre



Photometric Distribution Instrument



Integrating Sphere



High-low Temperature Testing



Salt Spraying Test Machine



Water-proof Class Testing System



Dust-proof Class Testing System

Street Light Production Line



2000T, 1000T, 630T, 250T Die-casting Machines



Electrostatic Powder Coating Line



Assembly Line

LED Production Line



LED Chips Mouter, LED Welding Machine



LED Assembly Line



LED Light Aging Test Line

Light Pole Production Line



Bending Machine



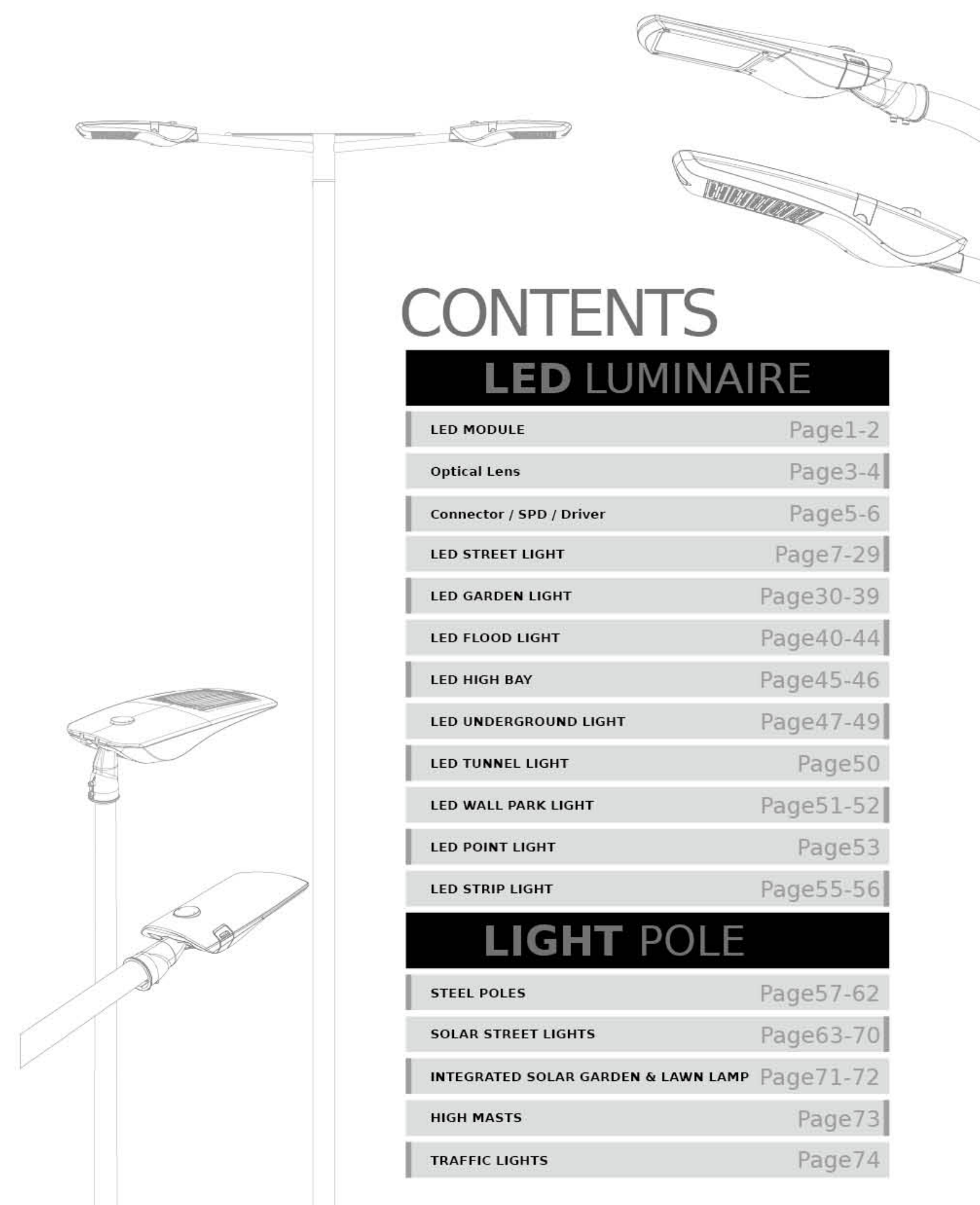
Auto-welding machine



Powder coating Line

Certification

<p>ISO9001 2008</p> 	<p>ISO14001</p> 	<p>OHSAS18001</p> 	<p>CCC</p> 	<p>CQC</p> 
<p>ROHS-LED</p> 	<p>ROHS-HID</p> 	<p>CE-LIGHT POLE</p> 	<p>CE-LVD</p> 	<p>CE-LVD</p> 
<p>CE-EMC</p> 	<p>CE-EMC</p> 	<p>SAA</p> 	<p>IP68</p> 	<p>IK08</p> 
<p>CHINA CERTIFICATE FOR ENERGY CONSERVATION PRODUCT</p> 	<p>CHINA CERTIFICATE FOR ENERGY CONSERVATION PRODUCT</p> 	<p>PATENED PRODUCT</p> 	<p>PATENED PRODUCT</p> 	<p>PATENED PRODUCT</p> 



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LED Module



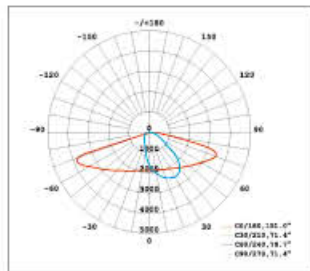
- 3 & 5-step MacAdam ellipse: Freedom from Binning for superior Quality of Light
- No gold eutectic solder the LED, avoid break dead lamp risk
- Superior efficacy and light output from a compact source

TESTED IN THE WATER

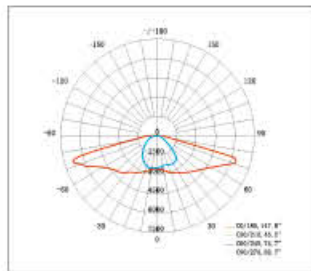


IP68

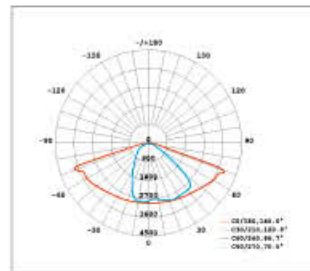
Light Distribution



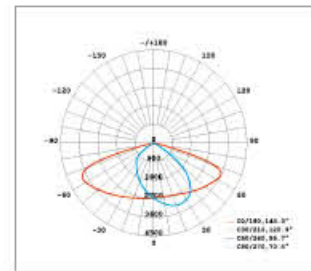
Batwing lighting distribution



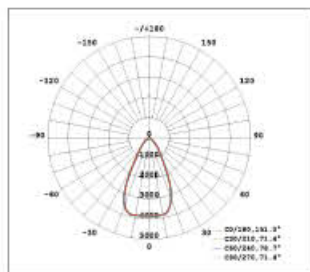
Batwing lighting distribution



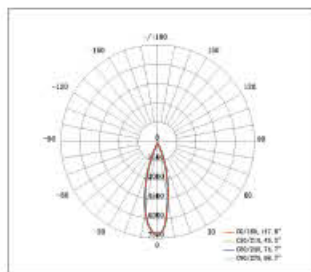
Batwing lighting distribution



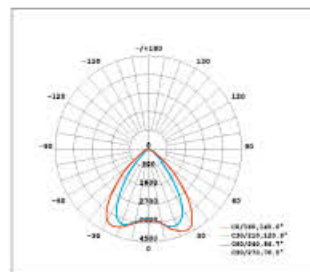
Batwing lighting distribution



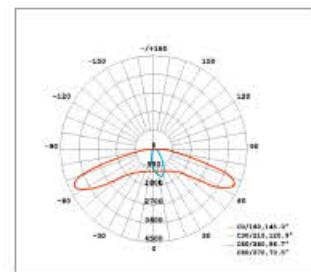
60° lighting distribution



30° lighting distribution

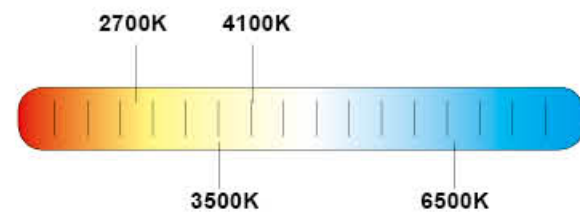


80° lighting distribution



Batwing lighting distribution

Multiple colors are available on option



LIGHTING MOSTAR

LED Module



Model	HD-M18
Power	30W-40W
Light Efficacy	100lm-150lm/w
Input Voltage	48V
Color Rendering	RA70, RA80
LED Chips	EMC3535-18C
Module Size	298*70*47mm
Beam Angle	70°/150°



Model	HD-M30
Power	30W-70W
Light Efficacy	100lm-150lm/w
Input Voltage	42V~45V
Color Rendering	RA70, RA80
LED Chips	EMC5050-15C28
Module Size	298*70*47mm / 298*70*33mm
Beam Angle	80°/150°/60°/90°



Model	HD-M48
Power	30W-40W
Light Efficacy	100lm-150lm/w
Input Voltage	48V
Color Rendering	RA70, RA80
LED Chips	EMC3030-8C68 / 16C38
Module Size	298*70*47mm
Beam Angle	70°/150°



Model	HD-M64
Power	30W-70W
Light Efficacy	100lm-150lm/w
Input Voltage	48V~50V
Color Rendering	RA70, RA80
LED Chips	EMC3030-8C88
Module Size	298*70*47mm / 298*70*33mm
Beam Angle	80°/150°/45°/135°/30°/60°/90°



Model	HD-PLM
Power	30W-40W
Light Efficacy	100lm-150lm/w
Input Voltage	36V
Color Rendering	RA70, RA80
LED Chips	EMC3030-6C88 / 6C78
Module Size	298*70*47mm
Beam Angle	85°/135°



Model	HD-KM12	HD-KM36
Power	40W	40W
Light Efficacy	100lm-150lm/w	100lm-150lm/w
Input Voltage	36V	36V
Color Rendering	RA70, RA80	RA70, RA80
LED Chips	EMC5050-4C38	EMC3030-6C68
Module Size	205*70*42mm	205*70*42mm
Beam Angle	Type II / V	Type II / V



Model	HD-LM12	HD-LM28
Power	30W	30W
Light Efficacy	100lm-150lm/w	100lm-150lm/w
Input Voltage	36V	36V
Color Rendering	RA70, RA80	RA70, RA80
LED Chips	EMC3535-4C38	EMC3535-7C48
Module Size	150*67*39mm	150*67*39mm
Beam Angle	Type II / V	Type II / V



Model	HD-SM04	HD-SM28
Power	30W	30W
Light Efficacy	100lm-150lm/w	100lm-150lm/w
Input Voltage	42V~45V	42V~45V
Color Rendering	RA70, RA80	RA70, RA80
LED Chips	EMC3535-4C18	EMC3030-7C48
Module Size	105*90*37mm	105*90*37mm
Beam Angle	Type II / V	Type II / V



Model	HD-RM10	HD-RM20
Power	10W	20W
Light Efficacy	100lm-150lm/w	100lm-150lm/w
Input Voltage	36V	36V
Color Rendering	RA70, RA80	RA70, RA80
LED Chips	EMC3030-5C28	EMC3030-5C48
Module Size	Φ 60mm	Φ 90mm
Beam Angle	Type II / V	Type II / V

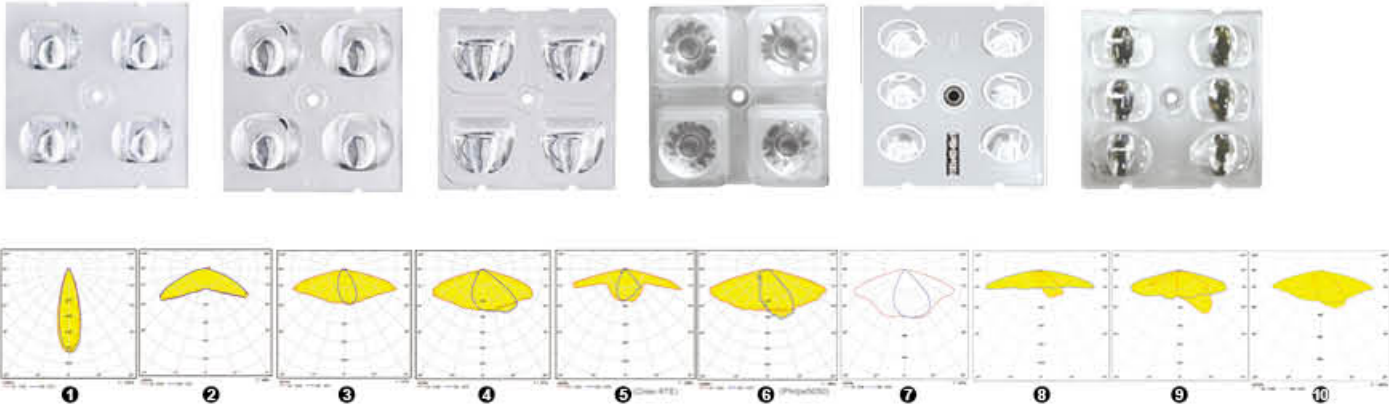


Model	HD-SM40
Power	30W-40W
Light Efficacy	100lm-150lm/w
Input Voltage	42V~45V
Color Rendering	RA70, RA80
LED Chips	EMC3030-8C88
Module Size	168*100*33mm
Beam Angle	70°/145°/80°/150°

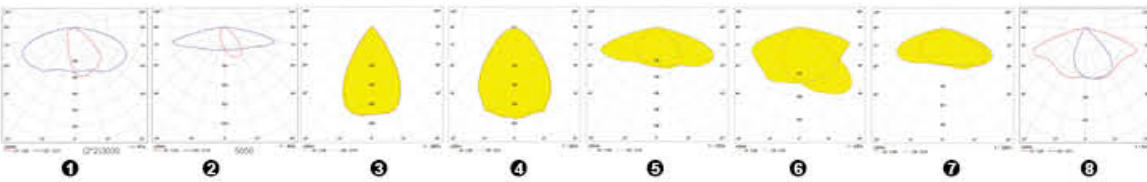


Model	HD-SM64
Power	60W
Light Efficacy	100lm-150lm/w
Input Voltage	42V~45V
Color Rendering	RA70, RA80
LED Chips	EMC3030-8C88
Module Size	168*130*33mm
Beam Angle	80°/150°/90°

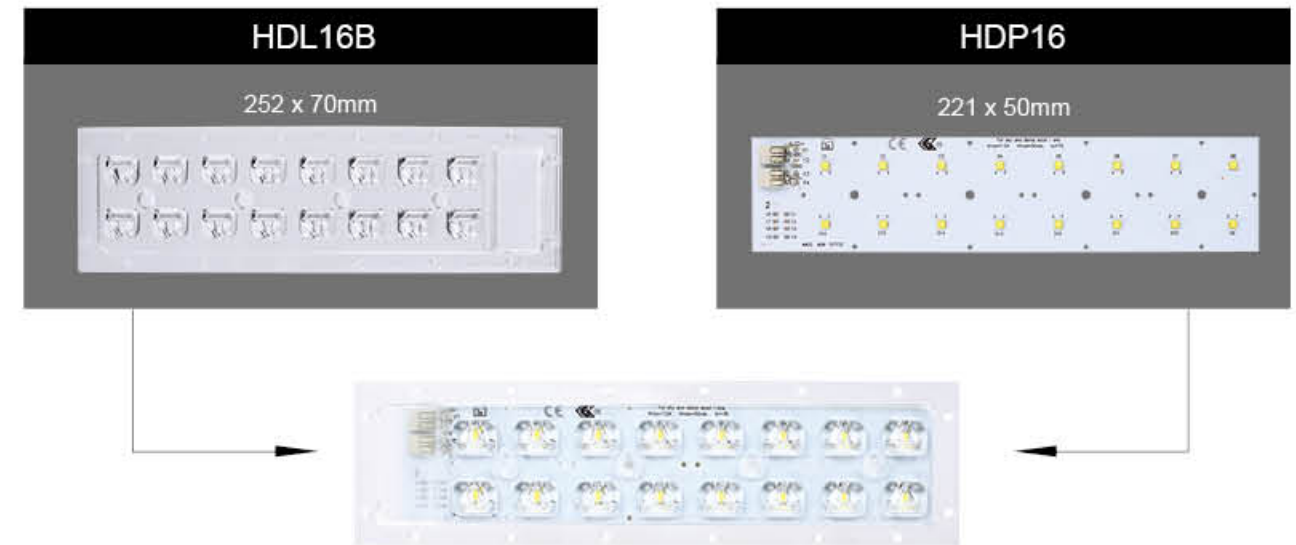
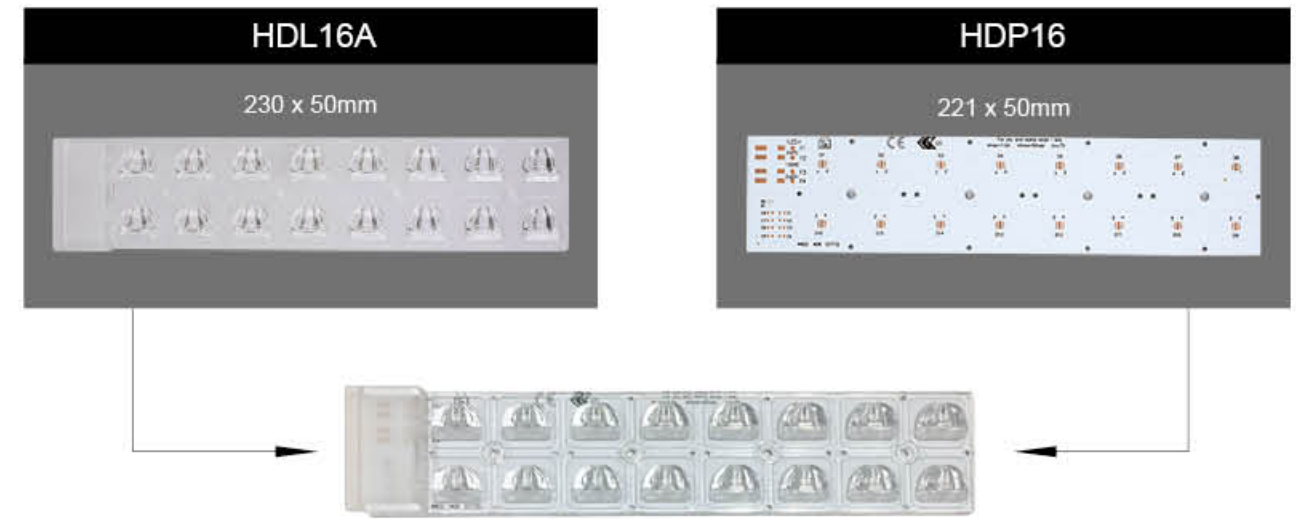
Multi-lens Module



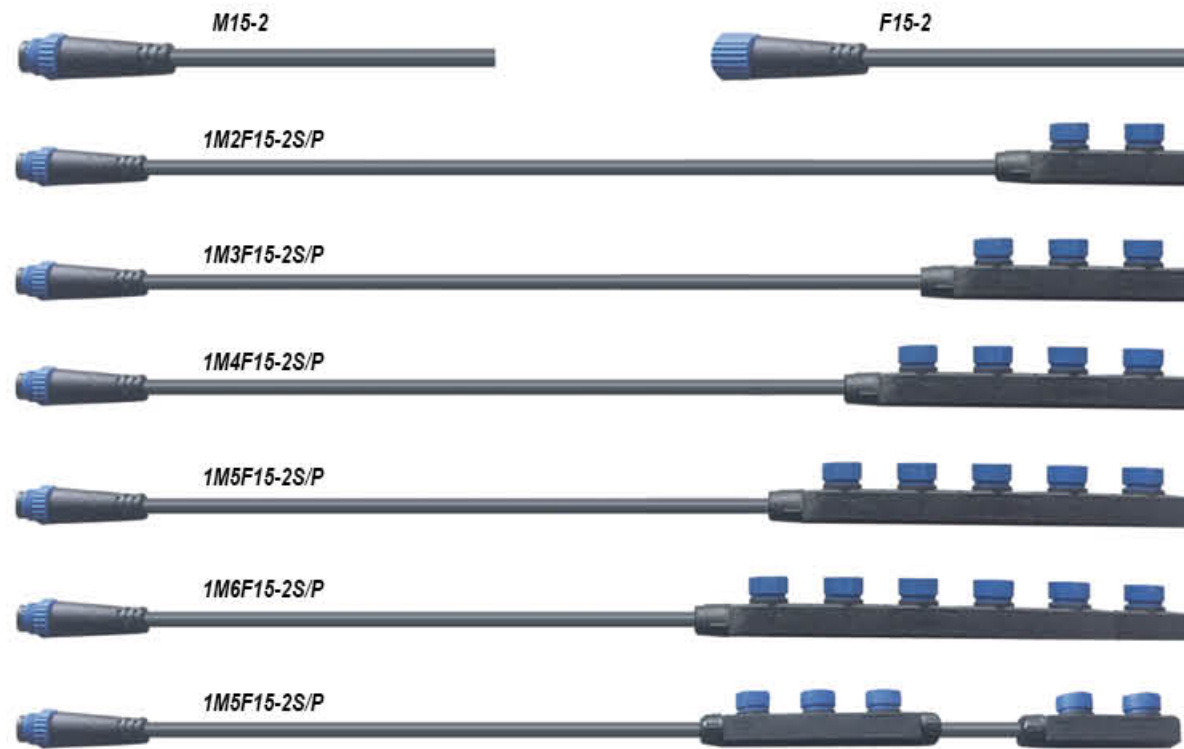
TYPE	Light Distribution	Part Number	Product Name	Beam angle(50%)	LED TYPE	Dimensions mm	Asymmetrical /Symmetrical	Illuminance /Brightness
V	1	1.1767.050011	4 in 1	30°	3535/5050	50*50	Symmetrical	Illuminance
V-S	2	1.1822.050007		120°				
I-M	3	1.1850.05007		50°150°				
II-S	4	1.1892.050006		80°150°				
II-M	5	1.159.050007	65°150°	3535	Asymmetrical	Brightness		
II-S	8	1.1991.050050	6 in 1				70°135°	
II-S	9	1.1992.050006	8 in 1	70°135°	3535/5050	Asymmetrical	Brightness	
V-S	6	JY-AAL0690P-5050	6 in 1	70°135°				
II-M	7	JY-AAL06YTPE3M-5050	6 in 1	66°157°				



TYPE	Light Distribution	Part Number	Product Name	Beam angle(50%)	LED TYPE	Dimensions mm	Asymmetrical /Symmetrical	Illuminance /Brightness	
II-M	1	1.1520.050005	12 in 1	65°150°	3030	50*50	Asymmetrical	Brightness	
	2	1.1608.050005		65°150°					
V-S	3	1.1920.050005	14 in 1	60°			Symmetrical		Illuminance
V-S	4	1.1924.050005		90°					
III-M	5	1.2098.050005	12 in 1	70°140°	Asymmetrical	Brightness			
V-M	9	1.2099.050004		165°					
V-S	6	JY-BAA1290P-5050	12 in 1	90°	Symmetrical	Illuminance			
III-M	7	JY-BAA12TYPE3-M-5050		80°150°					



Recommended Waterproof Connectors



Model	Description
M15-2	Male end 2 x 1.0mm-line length 250mm with head in total
F15-2	Female end 2 x 1.0mm-line length 250mm with head in total
1M2F15-2S/P	I68 connector for 2 modules both in parallel and in series
1M3F15-2S/P	I68 connector for 3 modules both in parallel and in series
1M4F15-2S/P	I68 connector for 4 modules both in parallel and in series
1M5F15-2S/P	I68 connector for 5 modules both in parallel and in series

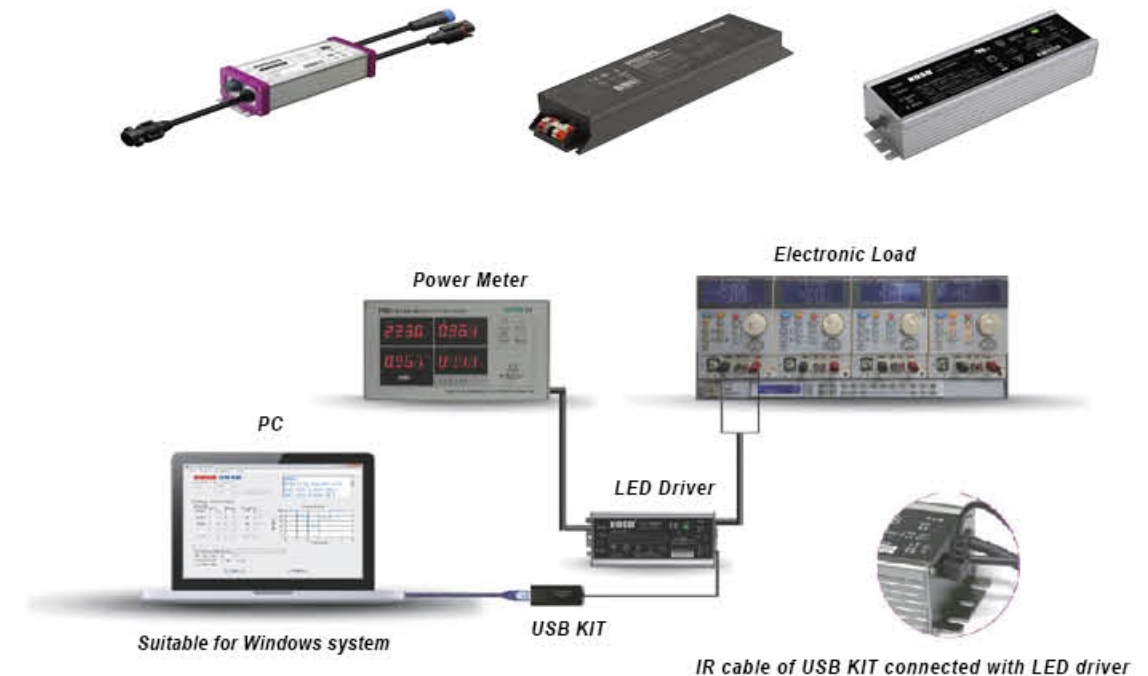
Surge Protective Devices (SPD) Surge Protector



Single Current



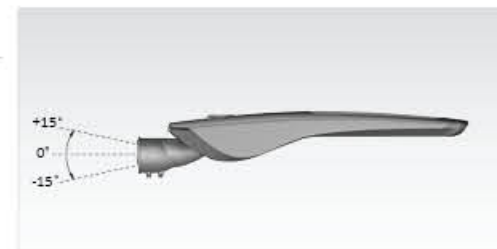
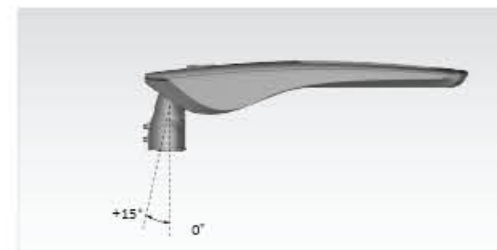
Prog Dimmable driver



LED Street Light

PERSONALIZED CONFIGURATION

Internal components are configured according to customer requirement, meet the personalized needs Electric insulation class II



HD001 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on

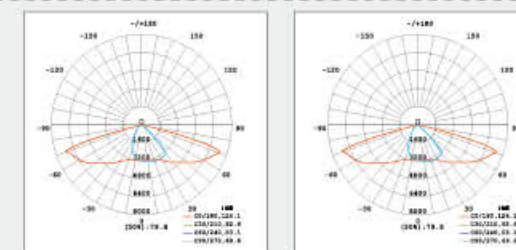
Features

- Module optical lens design that enhance the heat pin performance of the fixture.
- Stronger body with high pressure die-cast aluminium alloy housing with less weight ensures Impact grade reaches >IK08
- High efficiency coatings, paint and metal parts successfully pass 600 hours salt spray test.
- High transparent optical lens and Tempered glass, different types lens for choice.
- With surge protector lamp can reach Class II (10KV) or Class II.
- Enough space for installing more devices like Zigbee controller / wireless control system to establish smart city operation for energy conservation and environmental protection.

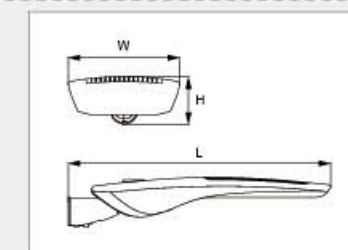


Technical

Light Distribution Curve



Size(mm)



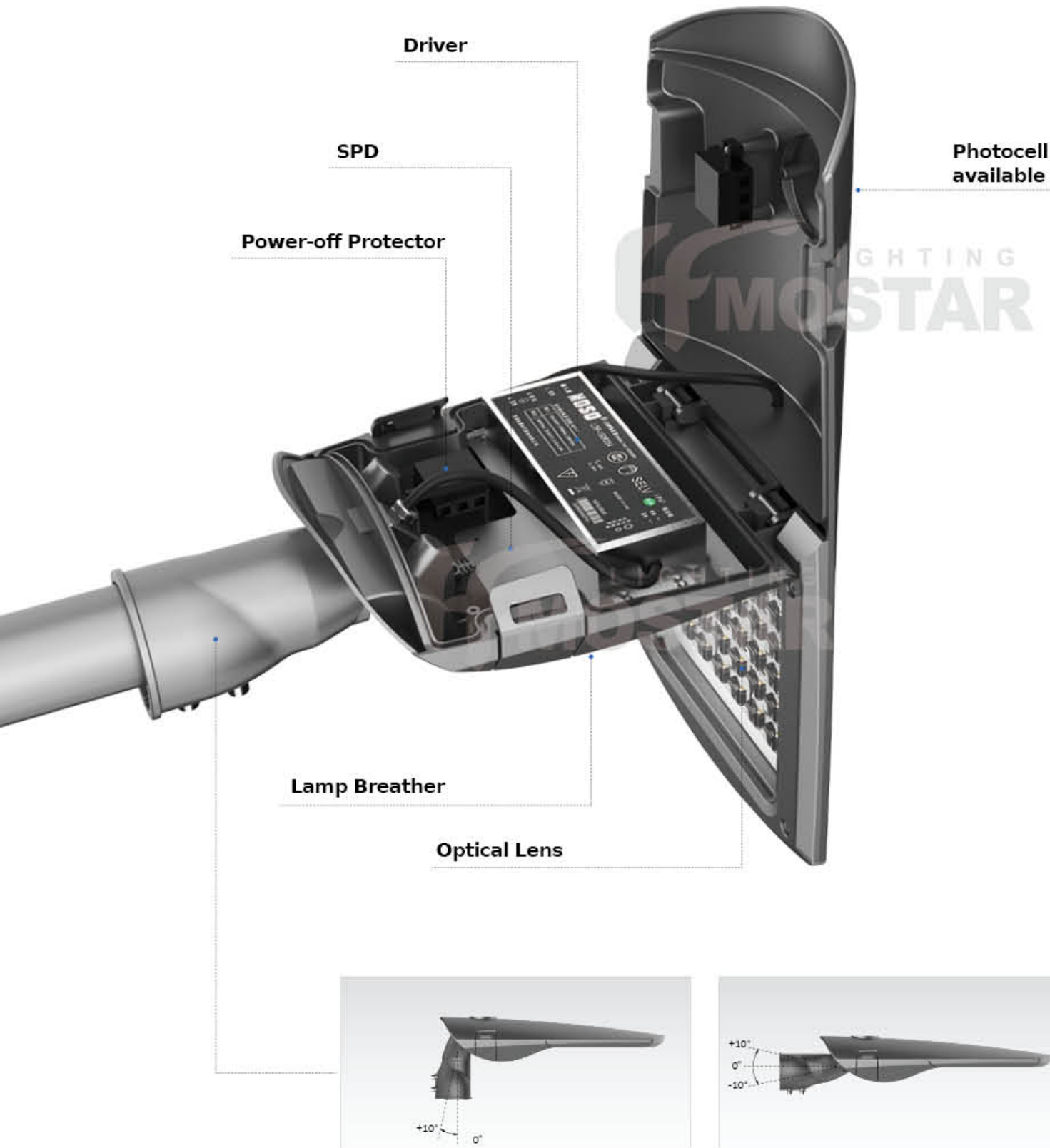
Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD001	SMD	100W	12000	120	IP65	Φ80mm	7-9m	561*244*193	570*255*200	4.2	5
HD001	SMD	150W	18000	120	IP65	Φ80mm	10-12m	651*256*193	670*270*200	5.5	6.5
HD001	SMD	180W	21600	120	IP65	Φ80mm	12-14m	810*380*155	830*370*170	8.7	10.2

Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / Nema socket

LED Street Light

PERSONALIZED CONFIGURATION

Internal components are configured according to customer requirement, meet the personalized needs Electric insulation class II



HD002 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

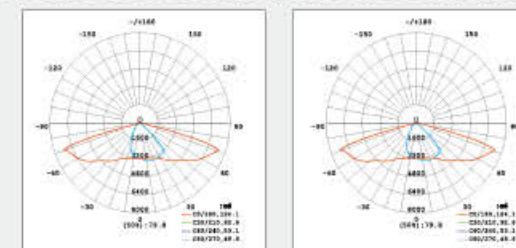
- Smooth lamp shell design to ensure rainwater scouring, prevents dust accumulation and effective snow drainage.
- Stronger body with high pressure die-cast aluminium alloy housing with less weight ensures Impact grade reaches >IK08
- High efficiency coatings, paint and metal parts successfully pass 600 hours salt spray test.
- High transparent optical lens and Tempered glass, different types lens for choice.
- With surge protector lamp can reach Class II (10KV) or Class II.
- Enough space for installing more devices like Zigbee controller / wireless control system to establish smart city operation for energy conservation and environmental protection.

Advantages

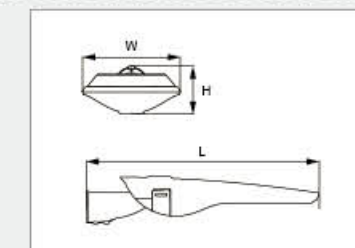


Technical

Light Distribution Curve



Size(mm)



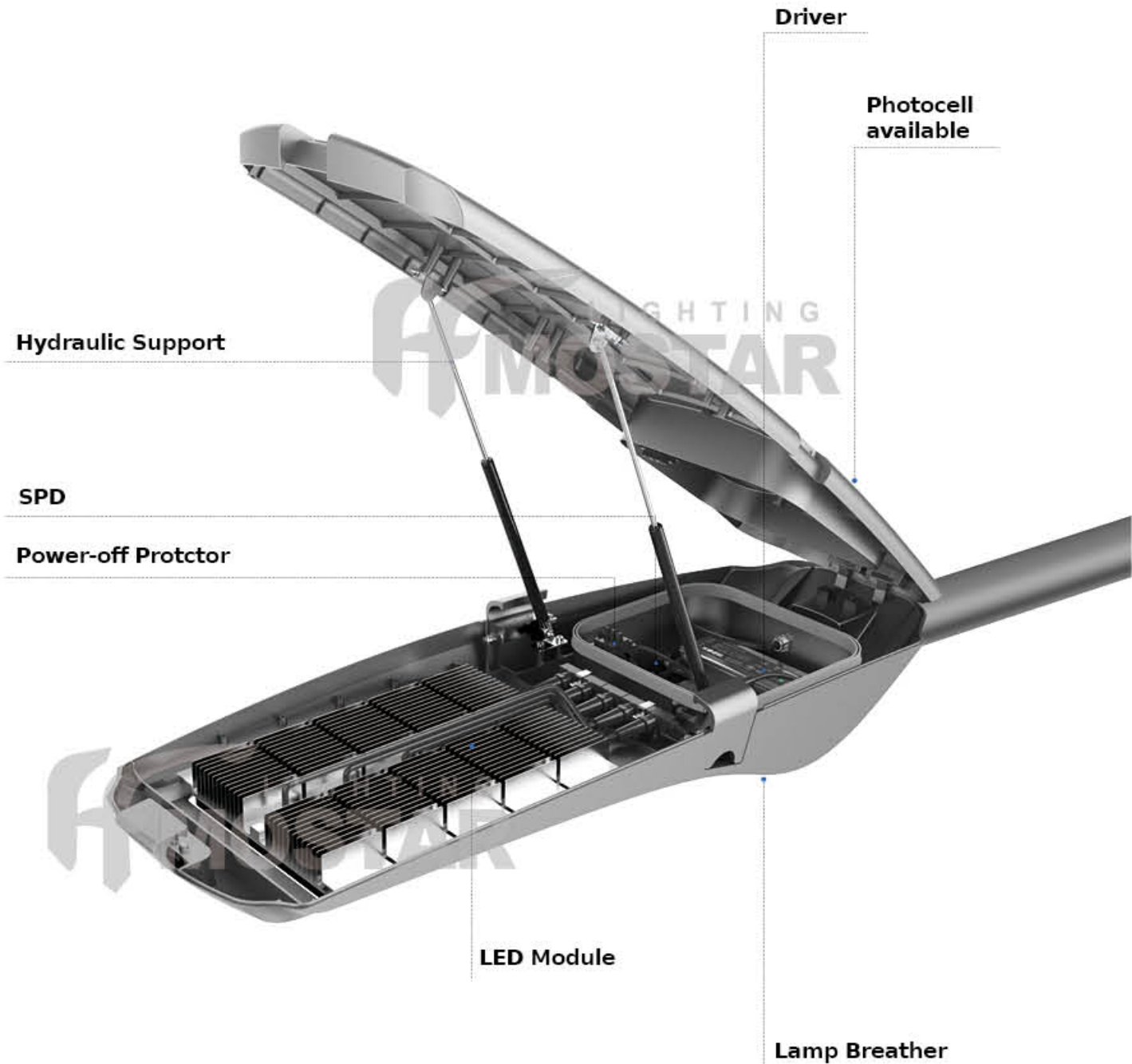
Model	LED Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD002	SMD	30W	3600	120	IP65	Φ80mm	3-4m	644*270*133	655*285*140	5	6
HD002	SMD	60W	7200	120	IP65	Φ80mm	5-8m	644*270*133	655*285*140	5.5	6.5
HD002	SMD	80W	9600	120	IP65	Φ80mm	6-8m	644*270*133	655*285*140	5.7	6.7
HD002	SMD	100W	12000	120	IP65	Φ80mm	8-10m	644*270*133	655*285*140	6	7

Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / Nema socket

LED Street Light

PERSONALIZED CONFIGURATION

Internal components are configured according to customer requirement, meet the personalized needs Electric insulation class II



HD007 Series



Applications

Approved for public road lighting, footpaths, marinas, industrial and civic areas.

Features

- Robust pressure die-cast aluminum construction with a durable polyester powder coat paint finish.
- Modular design: 1-6 pcs modules for choice.
- High light transmittance optical lens.
- Stainless steel connectors and fittings.
- IP68 in optical and gear chamber.
- IK10



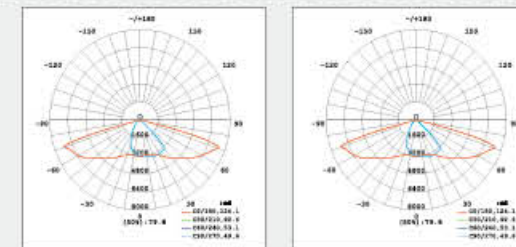
Advantages



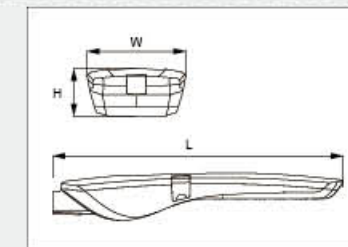
- Buckle can be opened without tools.
- IP68 brand driver in gear chamber.
- Intelligent Control: Day light sensor or timing control.

Technical

Light Distribution Curve



Size(mm)



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD007	M48*3	150W	18000	120	IP68	Φ80mm	12-14m	1114*380*184	1134*395*192	15	17
HD007	M48*4	200W	24000	120	IP68	Φ80mm	12-14m	1114*380*184	1134*395*192	16	18
HD007	M48*5	300W	30000	120	IP68	Φ80mm	12-14m	1114*380*184	1134*395*192	16.5	18.5

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD1306 Series

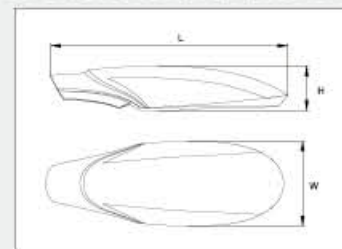


Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.



Size(mm)



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD1306	M48*3	150W	16500	110	IP68	Φ80mm	10-12m	1160*400*210	1210*425*300	10	12
HD1306	M48*4	200W	22000	110	IP68	Φ80mm	10-14m	1160*400*210	1210*425*300	11	13
HD1306	M48*5	250W	27500	110	IP68	Φ80mm	10-14m	1160*400*210	1210*425*300	12	14

Optional Accessories: 1-10V Dimming driver / Timming Control / Solar Control / SPD

HD2022 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

- High strength aluminum die casting material, surface anti-ageing electrostatic spraying processing, super resistance to corrosion.
- Modular design: 1-6 pcs modules for choice.
- High light transmittance optical lens.
- Modules and back board made with air flow design, reduce the lamps working temperature.

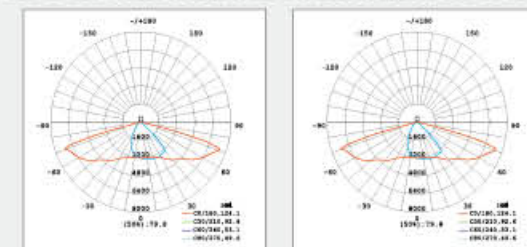


Advantages

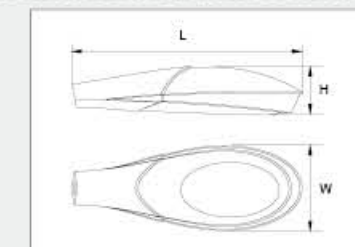


Technical

Light Distribution Curve



Size(mm)



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD2022	M48*3	150W	16500	110	IP68	Φ80mm	10-12m	1080*400*240	1130*425*330	10	12
HD2022	M48*4	200W	20000	110	IP68	Φ80mm	12-14m	1080*400*240	1130*425*330	11	13
HD2022	M48*5	250W	27500	110	IP68	Φ80mm	12-14m	1080*400*240	1130*425*330	12	14

Optional Accessories: 1-10V Dimming driver / Timming Control / Solar Control / SPD

HD003 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

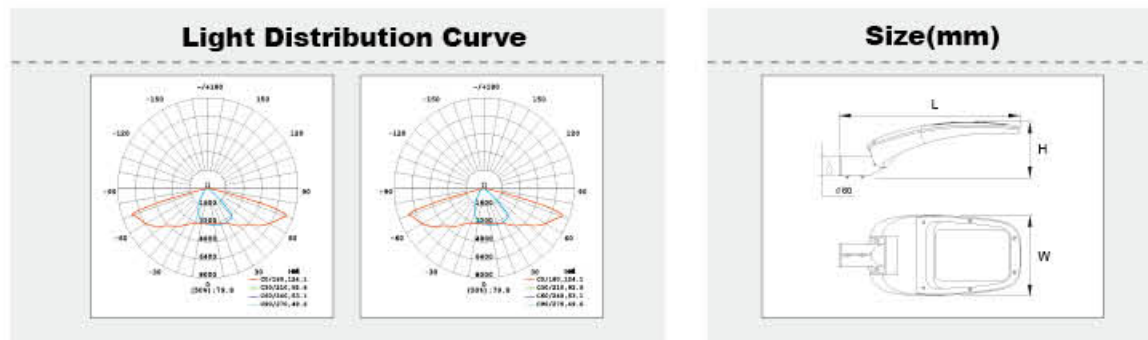
- Modern fashion design of appearance, excellent self-cleaning capability.
- Used in high strength aluminum die casting material, surface anti-ageing electrostatic spray process, super resistance to corrosion.
- High transparent optical lens and Tempered glass.
- Horizontal installation: +10°~ -10°adjustable;
- Vertical installation: +10°~ -10°adjustable.
- Different types lens for choice.
- IK08



Advantages



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD003A	SMD	30W	3300	110	IP65	Φ80mm	3-4m	507*210*130	570*248*140	3.5	4.3
HD003B	SMD	40W	4400	110	IP65	Φ80mm	5-6m	616*259*186	680*295*150	4.7	5.6
HD003B	SMD	80W	8800	110	IP65	Φ80mm	6-7m	616*259*186	680*295*150	4.7	5.6
HD003C	SMD	100W	11000	110	IP65	Φ80mm	7-8m	677*305*187	750*355*165	6.4	7.8
HD003C	SMD	150W	13200	110	IP65	Φ80mm	10-12m	677*305*187	750*355*165	6.4	7.8
HD003D	SMD	180W	16500	110	IP65	Φ80mm	12-14m	850*368*198	910*425*195	10.4	11.5
HD003D	SMD	200W	22000	110	IP65	Φ80mm	12-14m	850*368*198	910*425*195	10.4	11.5

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD005 Series



Applications

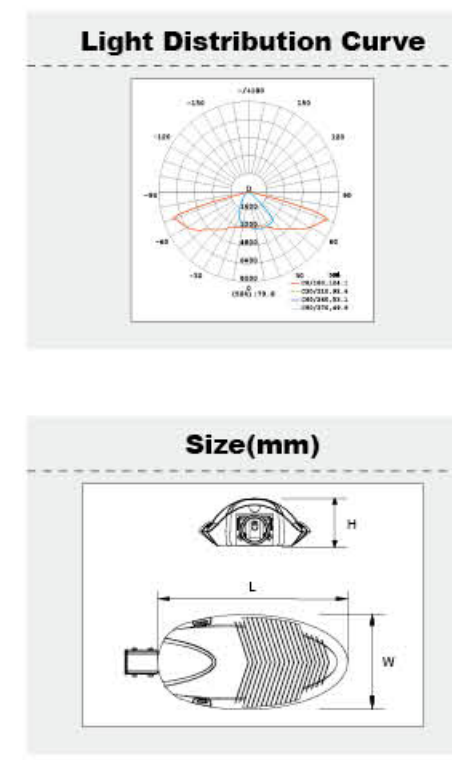
High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- High performance patent optical lens, light transmittance is 95%, no glare.
- Horizontal or Vertical installation adjustable.
- Different types lens for choice.
- IK08



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD005	SMD	60W	6600	110	IP65	Φ80mm	3-4m	691*305*134	780*350*134	6.5	7.5
HD005	SMD	80W	8800	110	IP65	Φ80mm	5-6m	691*305*134	780*350*134	7	8
HD005	SMD	100W	11000	110	IP65	Φ80mm	6-7m	691*305*134	780*350*134	7.5	8.5
HD005	SMD	120W	13200	110	IP65	Φ80mm	7-8m	691*305*134	780*350*134	8	9
HD005	SMD	150W	16500	110	IP65	Φ80mm	8-9m	691*305*134	780*350*134	8.5	9.5

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

Advantages



HD009 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

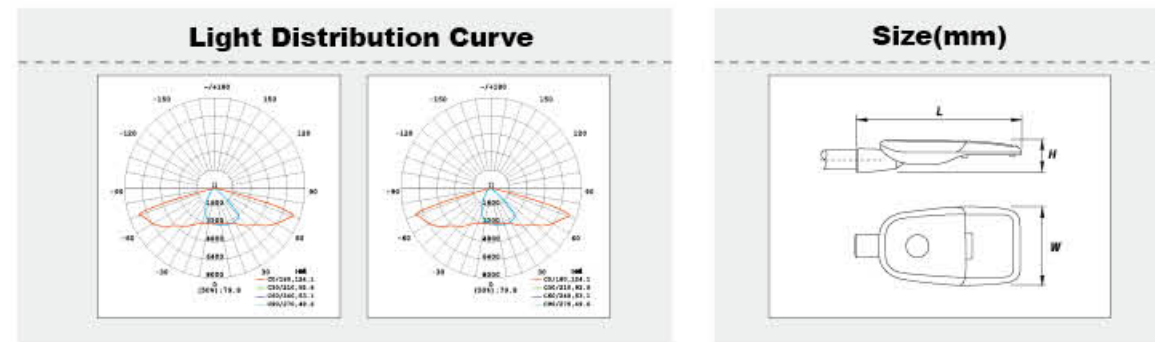
Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- Quick installing, wind against support bracket to ensure the safe installing and maintence.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- High performance patent optical lens, different types lens for choice.
- Vertical and Horizontal installing way both available;
- IP66 passed in factory own lab, have strong sealing material on the front and back.
- IK08

Advantages



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD009A	SMD	60W	7200	120	IP65	Φ80mm	5-8m	530*255*110	560*305*185	5	8
HD009A	SMD	80W	9600	120	IP65	Φ80mm	6-8m	530*255*110	560*305*185	5.2	8.2
HD009B	SMD	100W	12000	120	IP65	Φ80mm	8-10m	600*280*110	630*335*185	6.5	7.5
HD009B	SMD	120W	14400	120	IP65	Φ80mm	10-12m	600*280*110	630*335*185	6.8	7.8
HD009C	SMD	150W	18000	120	IP65	Φ80mm	12-14m	695*335*110	725*390*185	8.5	10
HD009C	SMD	180W	21600	120	IP65	Φ80mm	12-14m	695*335*110	725*390*185	8.8	10.3

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD008 Series

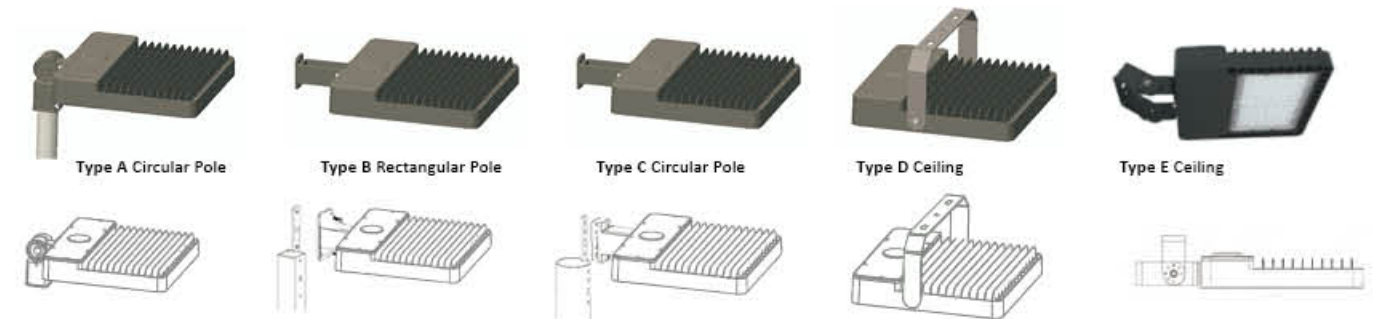


Applications

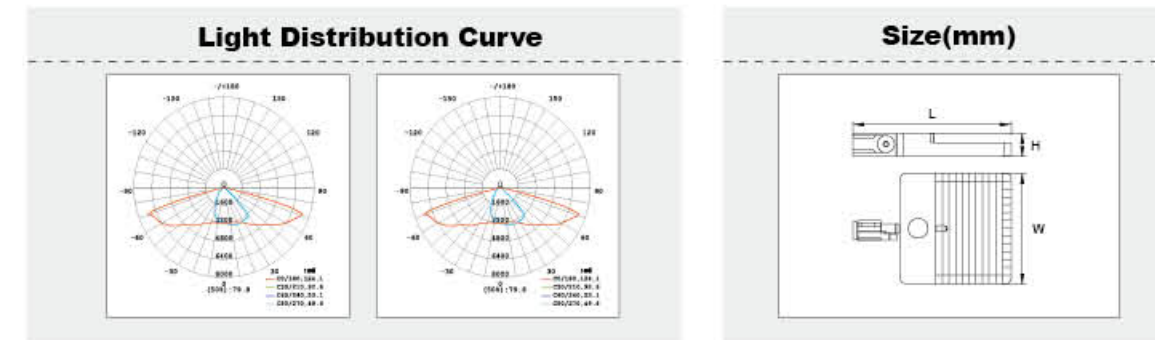
High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish(custom colors available).
- Integral structural support plate for mounting arm ensures strength.
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of 5000K for greater visibility and safety;
- 5 connectors optional.
- IK08



Technical



Model	SMD	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD008A	SMD3030	60W	7200	120	IP65	Φ80mm	3-4m	465*275*83	492*320*130	4.3	4.7
HD008A	SMD3030	100W	11000	120	IP65	Φ80mm	3-4m	465*275*83	492*320*130	4.8	5.2
HD008A	SMD3030	150W	16500	120	IP65	Φ80mm	5-8m	535*345*83	585*390*130	6	6.5
HD008B	SMD3030	200W	22000	120	IP65	Φ80mm	12-14m	535*345*83	585*390*130	7	7.5
HD008B	SMD3030	250W	27500	120	IP65	Φ80mm	12-14m	619*430*92	650*470*130	10.5	11.1
HD008B	SMD3030	300W	33000	120	IP65	Φ80mm	12-14m	619*430*92	650*470*130	11.3	11.8

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD024 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

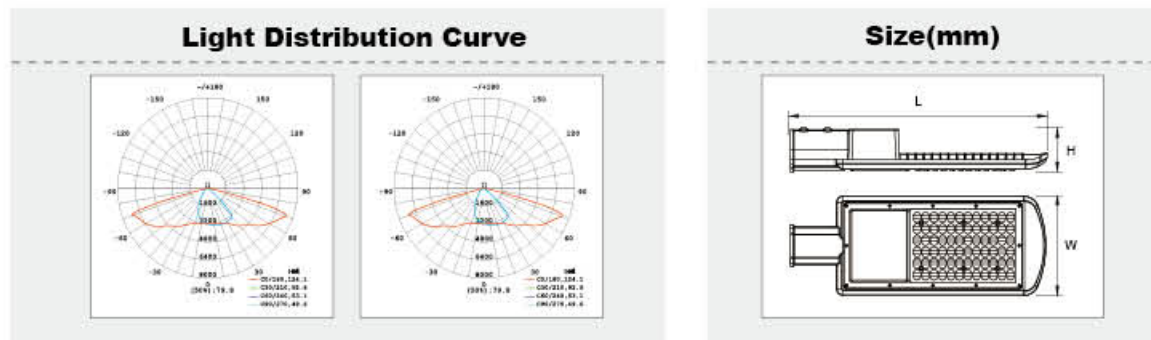
- Modern fashion design of appearance , ultra thin fashion design.
- High strength aluminum die casting material, anti-ageing powder coat finish.
- Self-cleaning function to achieve best heat dissipation performance to ensure long life.
- Optical grade lens design, beam Angle type II lighting distributions meet area lighting requirement.
- Waterproof rating IP65 & IK08



Advantages



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD024A	SMD	20W	2200	110	IP65	Φ42mm	3-4m	260*110*56	270*120*76	0.37	0.6
HD024B	SMD	30W	3300	110	IP65	Φ42mm	5-6m	311*136*56	321*146*76	0.45	0.7
HD024C	SMD	50W	5500	110	IP65	Φ48mm	6-7m	391*162*67	401*172*87	0.73	1.2
HD024D	SMD	80W	8800	110	IP65	Φ60mm	6-7m	482*187*80	490*197*100	1.3	1.8
HD024E	SMD	100W	11000	110	IP65	Φ80mm	6-7m	541*218*80	550*228*100	1.86	2.3

Optional Accessories: 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD2016 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

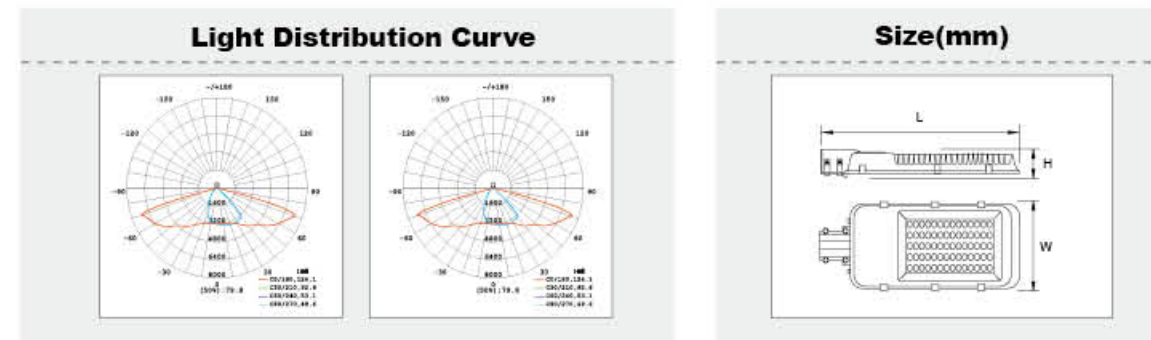
- Modern fashion design of appearance, good heat sink proving long life of the LEDs.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- High performance patent optical lens, different types lens for choice.
- Heatproof and shockproof tempered glass.
- High stress stainless fastening pieces.



Advantages



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD2016A	SMD	40W	4400	110	IP65	Φ48mm	3-4m	495*210*80	505*220*80	2.45	3
HD2016B	SMD	80W	8800	110	IP65	Φ80mm	3-4m	600*250*75	610*260*85	3.7	5
HD2016C	SMD	120W	13200	110	IP65	Φ80mm	3-4m	700*290*80	710*300*100	5.6	6.6
HD2016D	SMD	150W	16500	110	IP65	Φ80mm	3-4m	800*300*80	810*310*100	6.5	8
HD2016E	SMD	200W	22000	110	IP65	Φ80mm	3-4m	900*300*80	910*310*100	7.6	9

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD526 Series



Applications

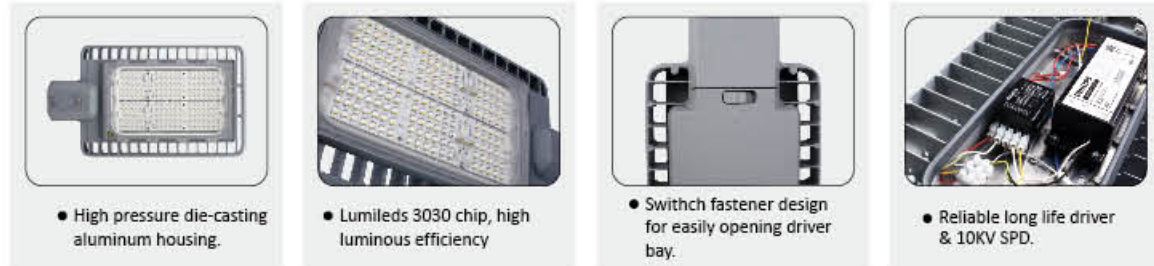
High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

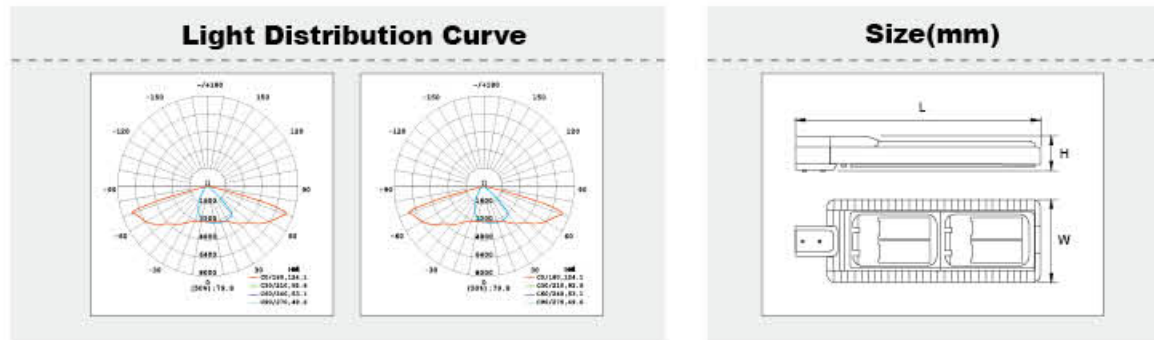
- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, anti-ageing powder coat finish.
- Switch fastener design for easily opening driver bay.
- Quick and easy installation way for easy maintenance.
- Optical grade lens design, accuracy light distribution, no dark zone.
- IK08



Advantages



Technical



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD526A	SMD3030	60W	6600	110	IP65	Φ80mm	5-8m	505*205*96	520*230*155	3.3	3.8
HD526A	SMD3030	90W	9900	110	IP65	Φ80mm	7-10m	505*205*96	520*230*155	3.5	4
HD526B	SMD3030	120W	13200	110	IP65	Φ80mm	10-12m	505*305*96	520*340*155	5.2	6
HD526B	SMD3030	180W	19800	110	IP65	Φ80mm	10-12m	505*305*96	520*340*155	5.5	6.2
HD526C	SMD3030	200W	22000	110	IP65	Φ80mm	12-14m	650*305*96	680*340*155	6.7	7.8
HD526C	SMD3030	250W	27500	110	IP65	Φ80mm	12-14m	650*305*96	680*340*155	9	11.2
HD526D	SMD3030	350W	38500	110	IP65	Φ80mm	12-14m	880*310*96	910*380*155	9.8	12

Optional Accessories: 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD519 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

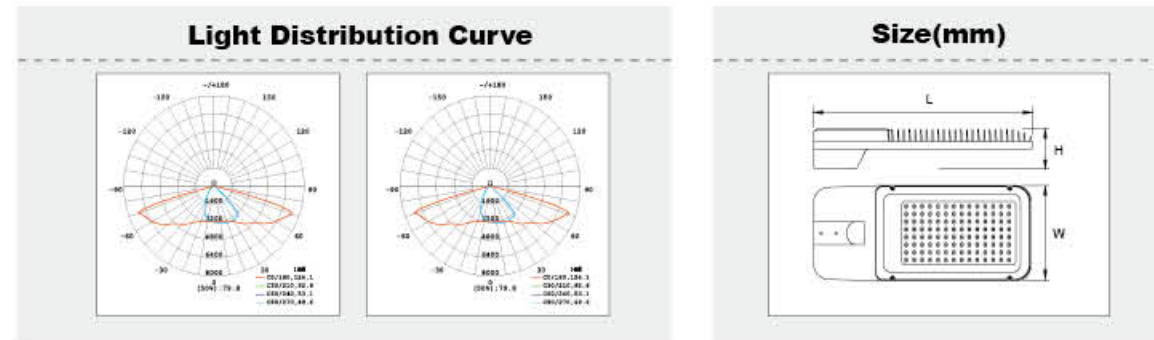
- Modern fashion design of appearance, good heat sink proving long life of the LEDs.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- High performance patent optical lens, different types lens for choice.
- Heatproof and shockproof tempered glass.
- High stress stainless fastening pieces.



Advantages



Technical



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD519A	SMD	60W	7200	120	IP65	Φ80mm	5-8m	422*320*140	430*340*165	5.4	6.3
HD519A	SMD	80W	9600	120	IP65	Φ80mm	6-8m	422*320*140	430*340*165	5.6	6.5
HD519B	SMD	120W	14400	120	IP65	Φ80mm	10-12m	522*320*140	532*340*165	7	8.7
HD519B	SMD	150W	18000	120	IP65	Φ80mm	10-12m	522*320*140	532*340*165	7.2	8
HD519C	SMD	200W	24000	120	IP65	Φ80mm	12-14m	600*320*140	610*340*165	7.7	9.5
HD519D	SMD	250W	30000	120	IP65	Φ80mm	12-14m	700*320*140	710*340*165	9	11
HD519E	SMD	300W	36000	120	IP65	Φ80mm	12-14m	853*320*140	863*340*165	11.5	14

Optional Accessories: 1-10V Dimming driver / Timing Control / Solar Control / SPD

ZDL508 Series



Applications

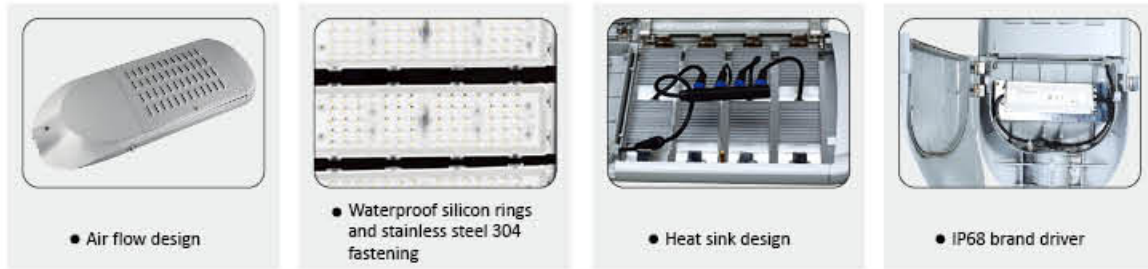
High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

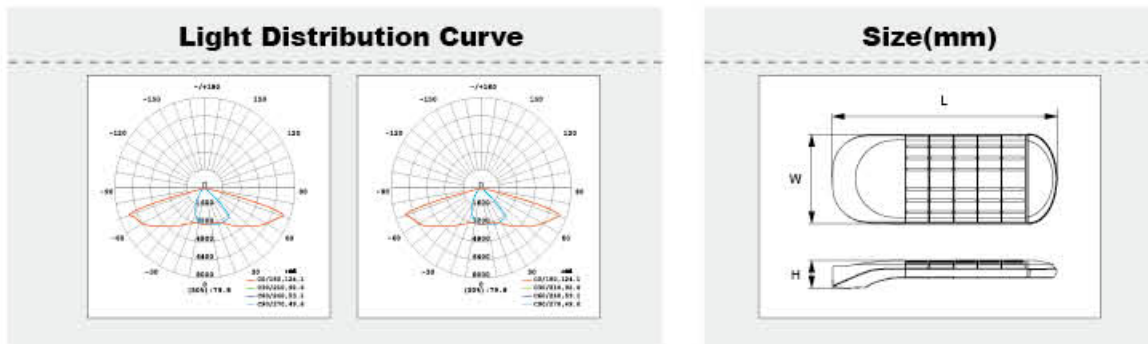
- High strength aluminum die casting material, surface anti-ageing electrostatic spraying processing, super resistance to corrosion.
- Modular design: 1-6 pcs modules for choice.
- High light transmittance optical lens.
- Modules and back board made with air flow design, reduce the lamps working temperature.



Advantages



Technical



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD508A	M48*1	50W	5500	110	IP68	Φ80mm	3-6m	578*355*132	580*370*140	6.2	6.8
HD508B	M48*2	100W	11000	110	IP68	Φ80mm	6-10m	638*355*132	645*370*140	7.8	8.4
HD508C	M48*3	150W	16500	110	IP68	Φ80mm	10-12m	722*355*132	740*370*140	9.2	9.8
HD508D	M48*4	200W	20000	110	IP68	Φ80mm	12-14m	806*355*132	830*370*140	10.2	10.8
HD508E	M48*5	250W	27500	110	IP68	Φ80mm	12-14m	890*355*132	910*370*140	11.7	12.3

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD017 Series



Applications

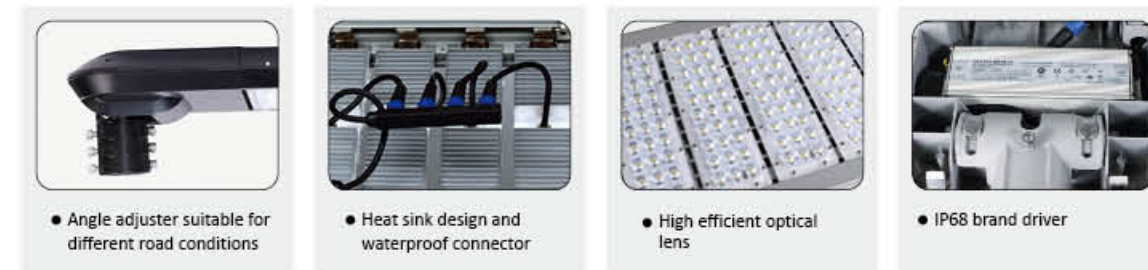
High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

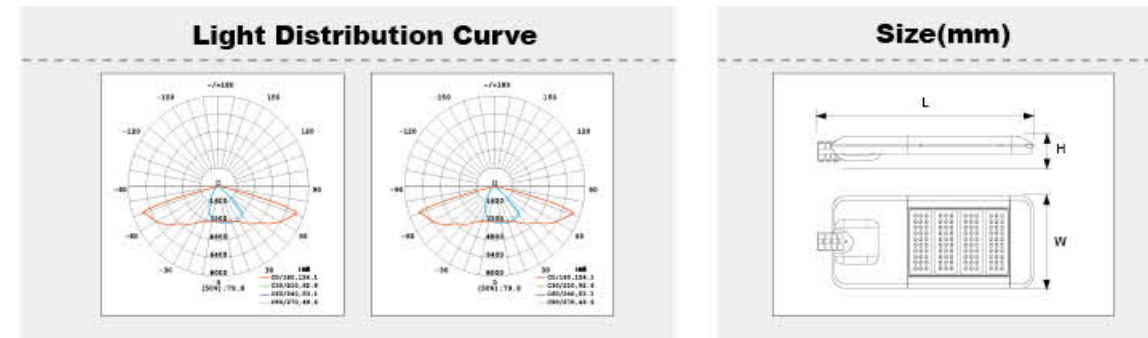
- High strength aluminum die casting material, surface anti-ageing electrostatic spraying processing, super resistance to corrosion.
- Modular design: 1-6 pcs modules for choice.
- High light transmittance optical lens.
- Modules and back board made with air flow design, reduce the lamps working temperature.



Advantages



Technical



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD017	M48*2	100W	11000	110	IP68	Φ80mm	8-10m	578*300*107	650*370*190	7.5	8.3
HD017	M48*3	150W	16500	110	IP68	Φ80mm	10-12m	657*300*107	730*370*190	8.4	9.5
HD017	M48*4	200W	22000	110	IP68	Φ80mm	12-14m	738*300*107	810*370*190	9.7	11.2
HD017	M48*5	250W	27500	110	IP68	Φ80mm	12-14m	819*300*107	900*370*190	10.8	12

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD2049/HD2050 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

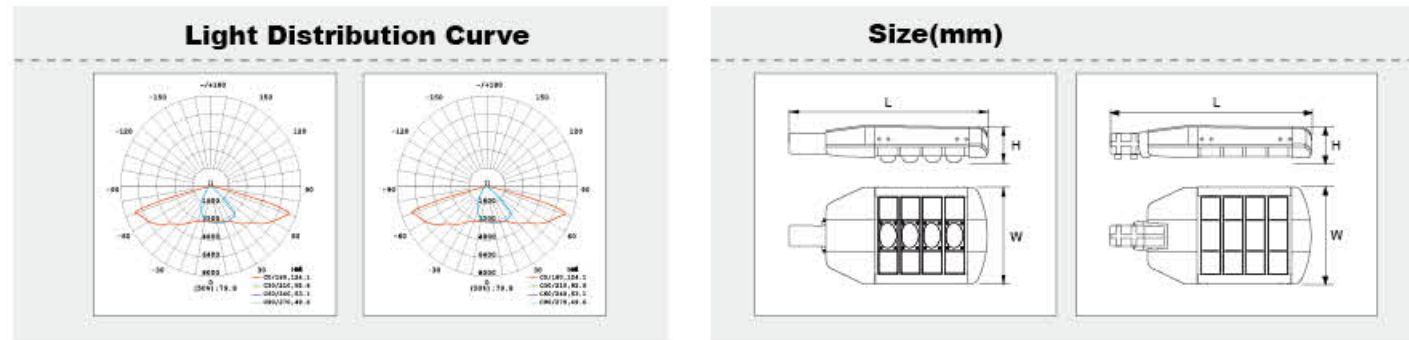
- High strength aluminum die casting material, surface anti-ageing electrostatic spraying processing, super resistance to corrosion.
- Modular design: 1-6 pcs modules for choice.
- High light transmittance optical lens.
- Modules and back board made with air flow design, reduce the lamps working temperature.



Advantages



Technical



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
A	HD-PLM*2	80W	8800	110	IP65	Φ80mm	6-8m	660*355*95	630*400*190	5.3	7.3
B	HD-PLM*3	120W	13200	110	IP65	Φ80mm	8-10m	640*355*95	710*400*190	6.2	8.6
C	HD-PLM*4	160W	17800	110	IP65	Φ80mm	10-12m	720*355*95	790*400*190	7.2	9.8
D	HD-PLM*5	200W	22000	110	IP65	Φ80mm	12-14m	800*355*95	870*400*190	8.3	11

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD

HD208 Series



Applications

High ways, primary streets, through ways, secondary streets, Driver ways, resident areas, parking lots, gardens and so on.

Features

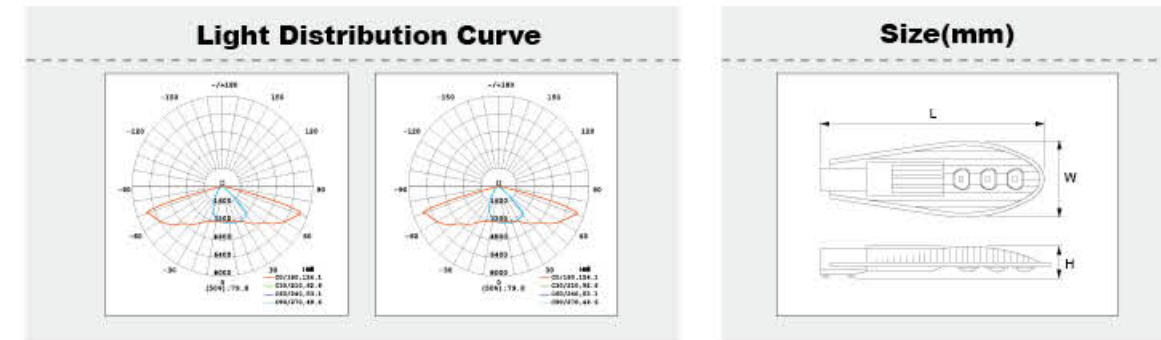
- High lumen, high quality, High brightness, low consumption, green for environment.
- Easy to install and use, secure and reliable.
- Light body is made of good quality aluminum alloy with painting or anodic treatment on surface, exiguity and unique design, excellent heat dissipation.
- AC85-265V in different countries and regions. AC12/24V led driver is also available.
- Mesh shape heat sink, Good heat dissipation .



Advantages



Technical



Model	Module	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD208A	COB*1	30W	3300	110	IP68	Φ48mm	3-4m	500*220*90	510*230*110	2	2.5
HD208B	COB*1	50W	5600	110	IP68	Φ80mm	5-6m	620*270*95	630*280*110	3	4
HD208C	COB*2	100W	12100	110	IP68	Φ80mm	8-10m	720*280*95	730*300*110	4.1	5.2
HD208D	COB*3	150W	16500	110	IP68	Φ80mm	10-12m	880*335*110	890*350*130	7	8.5
HD208E	COB*4	200W	22000	110	IP68	Φ80mm	12-14m	1100*420*110	1110*435*130	11	13

Optional Accessories: Daylight Sensor Control / 1-10V Dimming driver / Timing Control / Solar Control / SPD



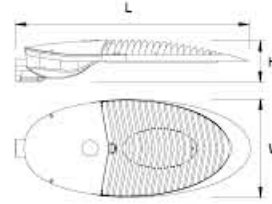
HD517



Product Parameter:

- Wattage Range: 80W-180W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	750	311	127	LED80W
B	950	400	145	LED180W



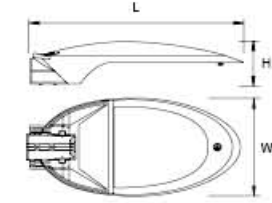
HD516



Product Parameter:

- Wattage Range: 20W-180W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	474	238	100	LED20W-60W
B	644	303	132	LED60W-90W
C	864	375	168	LED120W-180W



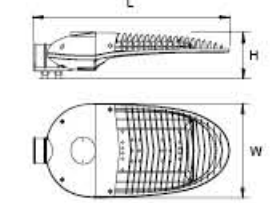
HD527



Product Parameter:

- Wattage Range: 20W-180W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	518	228	114	LED20W-50W
B	750	322	167	LED60W-90W
C	900	386	167	LED100W-180W



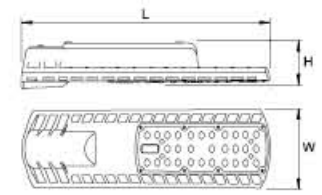
HD027



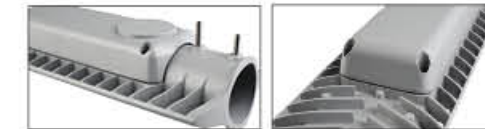
Product Parameter:

- Wattage Range: 20W-80W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	395	110	75	LED20W-40W
B	490	155	80	LED30W-80W



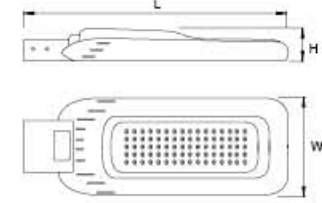
HD032



Product Parameter:

- Wattage Range: 30W-120W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	400	140	45	LED30W
B	450	170	50	LED60W
C	510	200	55	LED120W



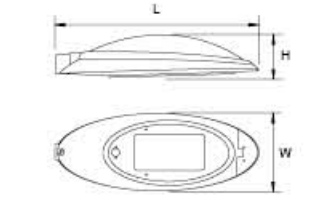
HD405



Product Parameter:

- Wattage Range: 50W-150W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm

Eternal Dimension:



SIZE	L	W	H	Power
A	760	360	200	LED50W-100W
B	930	360	200	LED100W-150W
C	1150	320	170	LED150W-200W





HD212

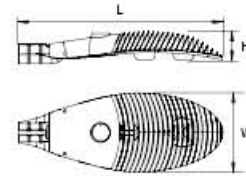


Product Parameter:

- Wattage Range: 10W-120W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm



External Dimension:



SIZE	L	W	H	Power
A	400	170	75	LED30W
B	535	218	96	LED60W~80W
C	756	296	120	LED120W
D	880	340	122	LED180W

HD209

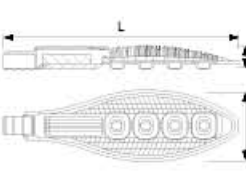


Product Parameter:

- Wattage Range: 10W-120W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm



External Dimension:



SIZE	L	W	H	Power
A	400	170	70	LED20W~30W
B	500	215	80	LED30W~60W
C	720	280	110	LED80W~120W
D	880	340	120	LED120W~180W

HD202

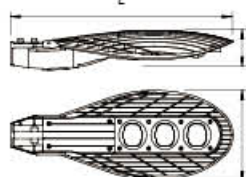


Product Parameter:

- Wattage Range: 10W-120W
- Efficiency: 100Lm/W~130Lm/W
- Power Efficiency: >90%
- Color Temperature: 3000~6500K
- Working Environment: -30°C~50°C
- IP Rating: IP68
- Installation Diameter: Φ60mm



External Dimension:



SIZE	L	W	H	Power
A	540	250	110	LED30W~60W
B	600	245	105	LED60W~120W
C	800	305	136	LED90W~180W

HD-Y007 Series

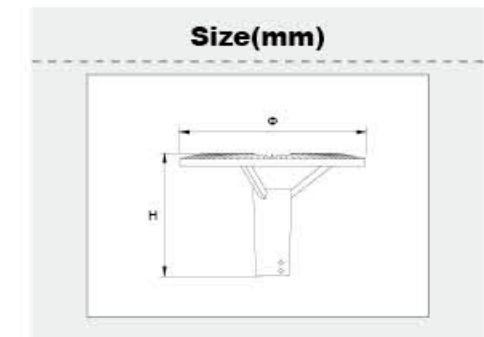


Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- PC diffuser, high strength impact resistance.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HDY007A	SMD	30W-80W	3300-8600	110	IP65	Φ78mm	3-8m	598*598*391

HD-Y021 Series

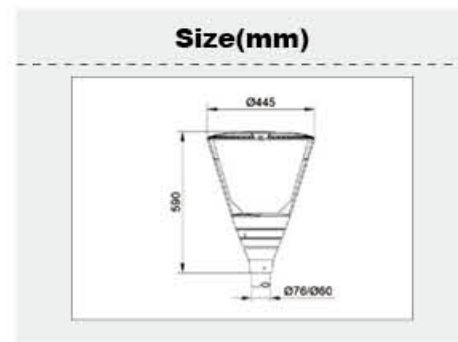


Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- Supper white toughened glass, sealed lamp housing.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)	N. W. (kg)	G. W. (kg)
HD-Y021	SMD	30W	3300	110	IP65	Φ80-78mm	3-8m	445*445*500	455*455*610	8.1	9
HD-Y021	SMD	40W	4400	110	IP65	Φ80-78mm	3-8m	445*445*500	455*455*610	8.2	9.2
HD-Y021	SMD	60W	6600	110	IP65	Φ80-78mm	3-8m	445*445*500	455*455*610	8.3	9.3
HD-Y021	SMD	80W	8800	110	IP65	Φ80-78mm	3-8m	445*445*500	455*455*610	8.4	9.4

HD-Y003 Series

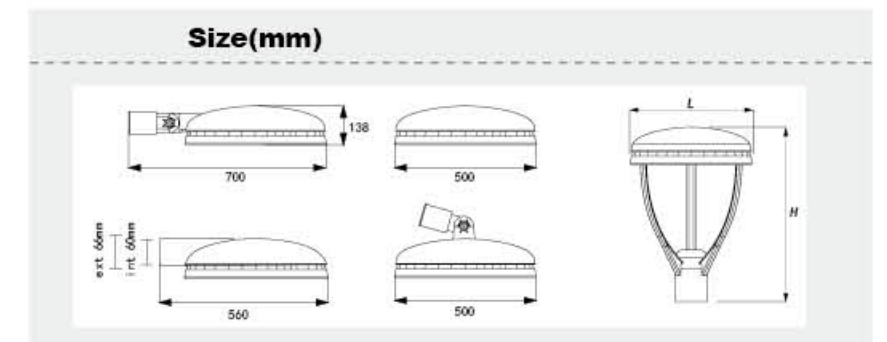
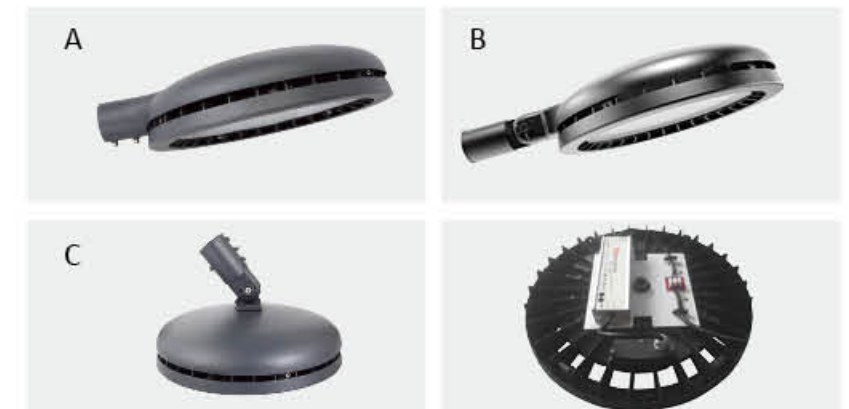


Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- Supper white toughened glass, sealed lamp housing.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HD-Y003A	SMD	60W-150W	6600-16500	110	IP65	Φ78mm	3-8m	608*500*138
HD-Y003B	SMD	60W-150W	6600-16500	110	IP65	Φ78mm	3-8m	700*500*138
HD-Y003C	SMD	60W-150W	6600-16500	110	IP65	Φ78mm	3-8m	500*500*238
HD-Y003D	SMD	60W-150W	6600-16500	110	IP65	Φ78mm	3-8m	500*500*640

HD-Y024 Series

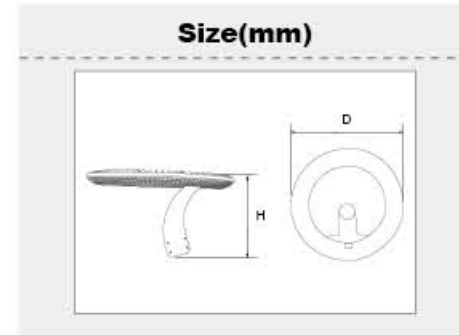


Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- PC diffuser, high strength impact resistance.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HDY024	SMD	30W-80W	3300-6800	110	IP65	Φ76mm	3-8m	580*560*315

HD-Y026 Series



Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- Supper white toughened glass, sealed lamp housing.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HD-Y026	SMD	30W	3300	110	IP65	Φ114mm	3-4m	620*620*330

HD-Y025 Series



Applications

Road, street, gardens, parks, parking lots, resident areas like villa and apartment or house.

Features

- Modern fashion design of appearance, excellent self-cleaning capability.
- High strength aluminum die casting material, surface anti-ageing electrostatic spray process.
- PC diffuser, high strength impact resistance.
- Branded LED chips(Epistar, Cree) and reliable long life driver provide quality lighting ;
- Input voltage: AC110-277V, 50/60Hz, IP65, IK08



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HD-Y025	SMD	50W	5500	110	IP65	Φ78mm	3-8m	600*600*400
HD-Y025	SMD	100W	11000	110	IP65	Φ78mm	4-8m	1108*1108*450

HD-Y019

Features

Modern fashion design of appearance, excellent self-cleaning capability.



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HD-Y019	SMD	40W	4400	110	IP65	Φ78mm	3-8m	633*560*795

HD-Y020

Features

High strength aluminum die casting material, surface anti-ageing electrostatic spray process.



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)
HD-Y020	SMD	90W	9900	110	IP65	Φ48/ 76mm	3-8m	600*600*148

HD-Y012

Feature

Die-casting Aluminum heat sink;
PC cover;
Popularly ued in garden, streets and resident areas.



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)
HDY012A	PHILIPS	30W	7700	110	IP65	Φ60mm	3-6m	400*400*470	415*415*485
HDY012B	PHILIPS	60W	16500	110	IP65	Φ60mm	3-6m	500*500*570	515*515*585

HD-Y022

Feature

Die-casting Aluminum heat sink;
PC cover;
Popularly ued in garden, streets and resident areas.



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Install The Diameter	Installation Height	Product Size(mm)	Packing Size(mm)
HDY022A	SMD	30W/80W	7700	110	IP65	Φ48mm	3-6m	400*400*550	415*415*565
HDY022B	SMD	60W/80W	16500	110	IP65	Φ48mm	6-8m	500*500*750	515*515*765

HD-Y001



Size(mm): 400 x 400 x 700

HD-Y002



Size(mm): 400 x 400 x 620

HD-Y015



Size(mm): 440 x 440 x 615

HD-Y011



Size(mm): 500 x 500 x 850

HD-Y027



Size(mm): 560 x 560 x 850

HD-Y028



Size(mm): 800 x 600 x 120 1100 x 800 x 200

HD-Y009



Size(mm): 650 x 650 x 680

HD-Y013

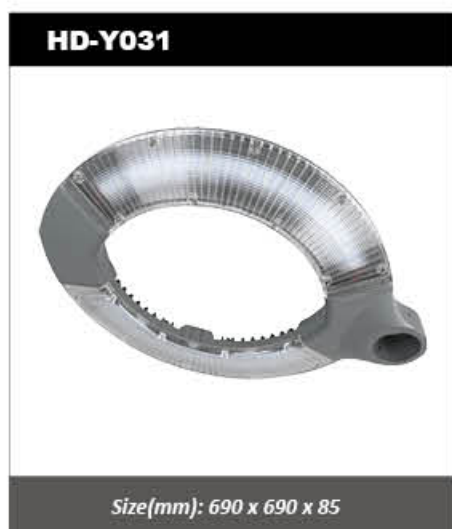
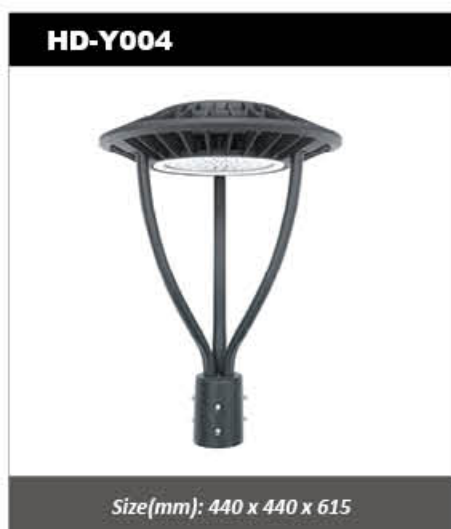
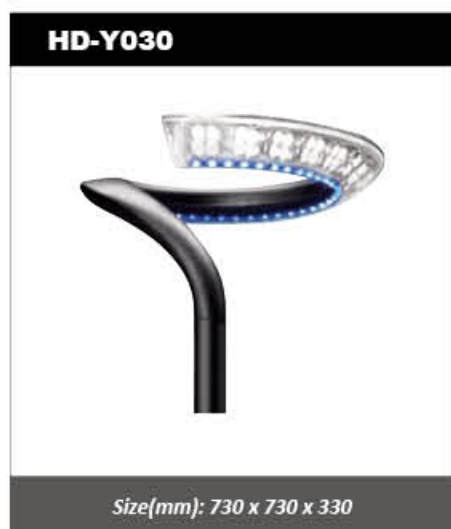
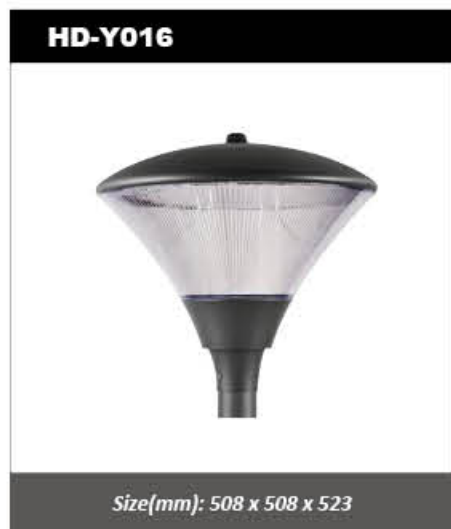
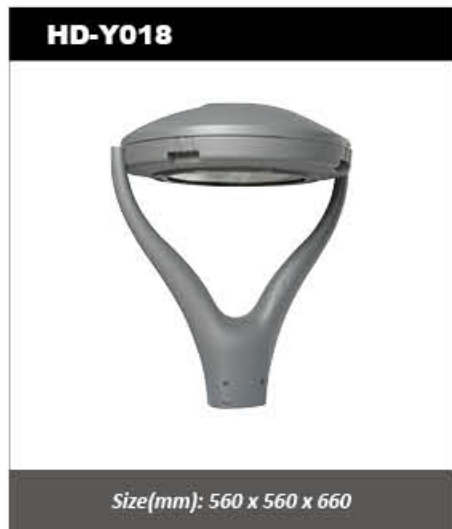
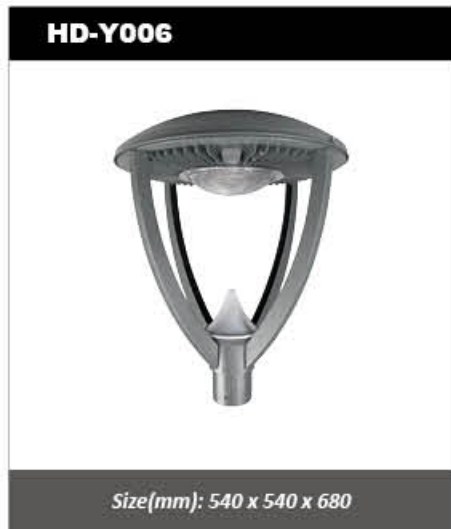


Size(mm): 560 x 560 x 400

HD-Y023



Size(mm): 680 x 680 x 480



HD-F021 Series

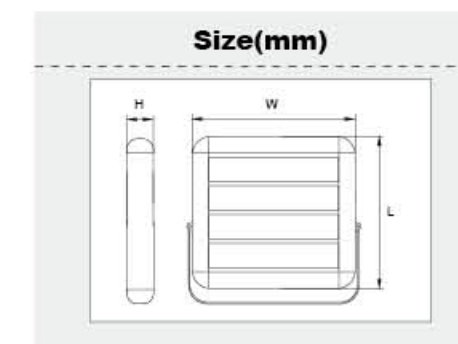
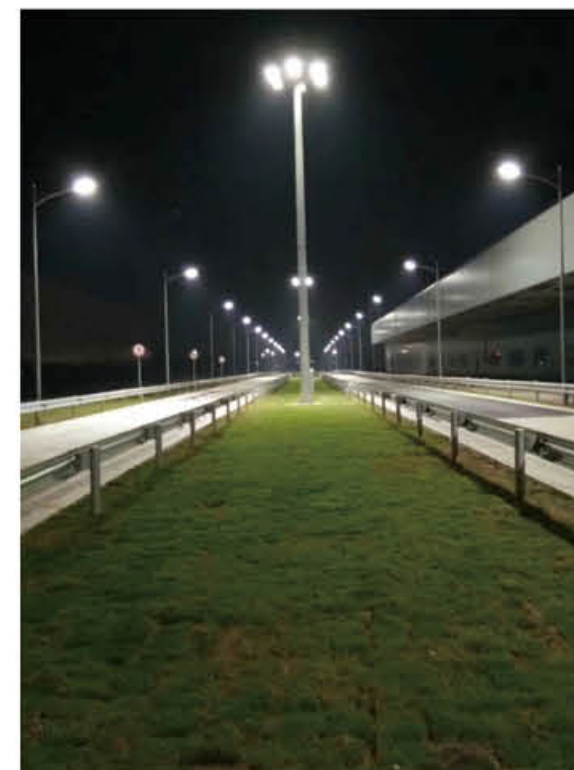


Applications

High mast light, tunnel, ware house, supermarket, factory, Large store, freezer room and so on.

Features

- Strong lamp body with die-cast aluminum alloy and easy installation bracket.
- Lamp shade following fluid dynamic principles, avoid dust.
- Module design offers more selections for different application, helps cooling LEDs and improves the lamp life.
- Counter flow design for cooling.
- Unique dust-cover plate;
- Portable driver pack, easy for installation and maintenance.
- IP67 for LED module, ASTM6063 radiating block, black anodic oxidation treatment on surface, micro Cooling treatment for heat fins.



Model	LED	Power(w)	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Power Factor	CRI	Input Voltage	Product Size(mm)
HD-F021	M48*2	100W	11000	110	IP68	>0.95	≥70	100-240V	235*310*72
HD-F021	M48*3	150W	18500	110	IP68	>0.95	≥70	100-240V	310*310*72
HD-F021	M48*4	200W	22000	110	IP68	>0.95	≥70	100-240V	385*350*72
HD-F021	M48*5	250W	27500	110	IP68	>0.95	≥70	100-240V	460*350*72

HD-F017 Series



Applications

Baseball stadium, football stadium, tennis court lighting applications utilizing advance LED reflective optical system.

Features

- High strength aluminum die casting material, surface anti-ageing electrostatic spraying processing, super resistance to corrosion.
- Mounting options: Trunnion & Knuckle.
- High light transmittance optical lens and tempered glassed.
- Utilizes high brightness LEDs, 80 CRI at 3000K, 4000K and 6500K typical.



Model	Product Size(mm)	Power(w)	Input Voltage	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Power Factor	CRI	Beam Angle
HD-F017	130*332*150	50W	100-240V	8000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	265*332*150	100W	100-240V	12000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	400*332*165	150W	100-240V	18000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	535*332*150	200W	100-240V	24000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	130*640*150	100W	100-240V	8000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	265*640*150	200W	100-240V	24000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	400*640*130	300W	100-240V	36000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	535*640*130	400W	100-240V	48000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	670*640*130	500W	100-240V	80000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°
HD-F017	805*640*150	600W	100-240V	72000	120	IP65	>0.95	70/80	20°/30°/45°/60°/90°/120°

HD-F019 Series



Applications

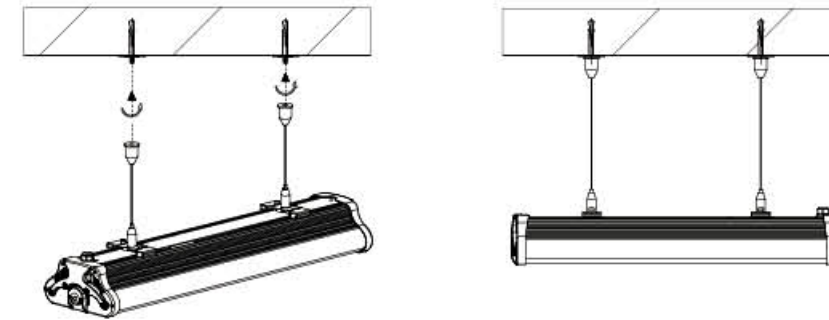
Ware house, supermarkets, factories, large stores, freezer rooms and so on.

Features

- Three different methods of brackets installation
- High light transmittance optical lens and tempered glassed.
- Professional light distribution design.



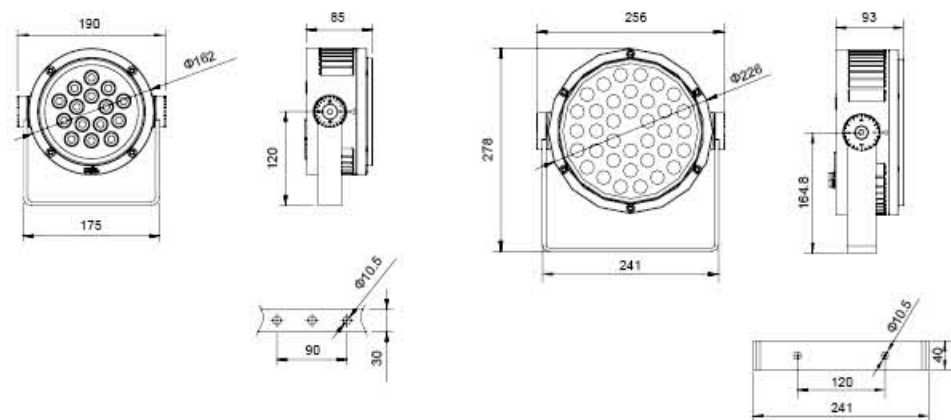
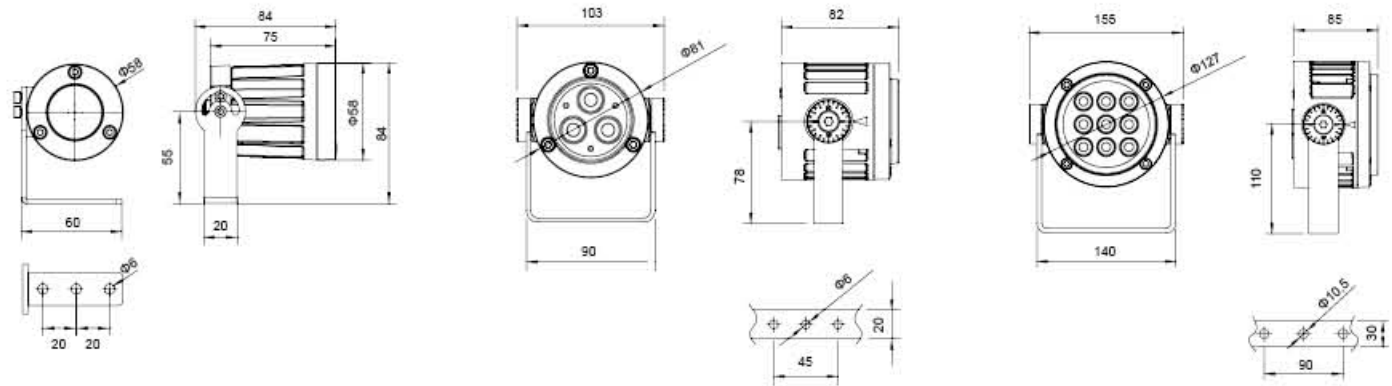
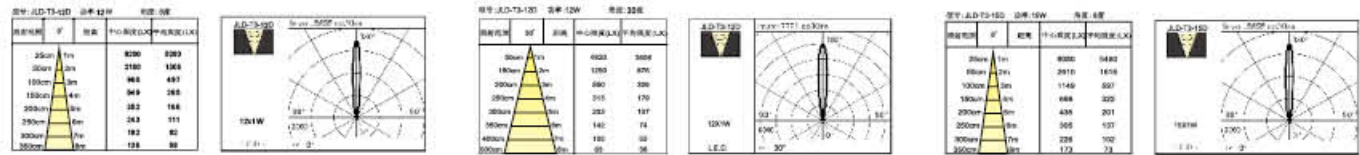
The Installation Diagram



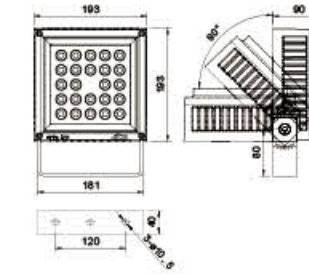
Model	Product Size(mm)	Power(w)	Input Voltage	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Power Factor	CRI	Beam Angle
HD-F019	130*332*150	40W	100-240V	4400	110	IP65	>0.95	70/80	30°/100°
HD-F019	130*640*150	80W	100-240V	8800	110	IP65	>0.95	70/80	30°/100°
HD-F019	130*945*150	120W	100-240V	13200	110	IP65	>0.95	70/80	30°/100°
HD-F019	130*1252*150	180W	100-240V	17600	110	IP65	>0.95	70/80	30°/100°
HD-F019	130*1558*150	200W	100-240V	22000	110	IP65	>0.95	70/80	30°/100°



JLD-T0 JLD-T1 JLD-T2 JLD-T3 JLD-T6

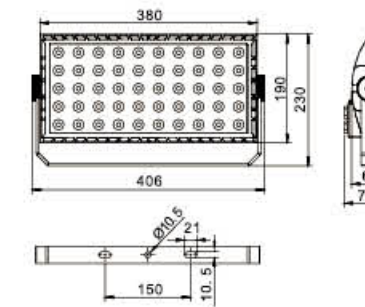


JLD-T4



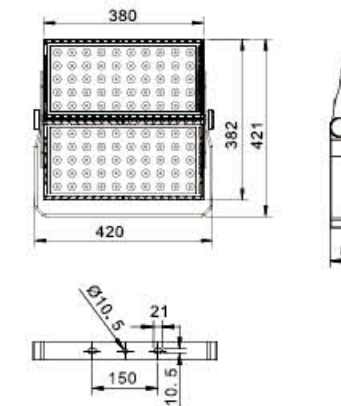
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-T4-15D	15W	DC24V/AC220V	340mA	15
JLD-T4-18D	18W	DC24V/AC220V	340mA	18
JLD-T4-20D	20W	DC24V/AC220V	340mA	20
JLD-T4-24D	24W	DC24V/AC220V	340mA	24
JLD-T4-15R	15W	DC24V	340mA	15
JLD-T4-18R	18W	DC24V	340mA	18
JLD-T4-24R	24W	DC24V	340mA	24

JLD-T7A



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-T7A-50D	50W	AC220V	340mA	50
JLD-T7A-70D	70W	AC220V	470mA	50
JLD-T7A-48R	48W	DC24V	270mA	48
JLD-T7A-72R	72W	DC24V	400mA	48

JLD-T7B



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-T7B-100D	100W	AC220V	340mA	100
JLD-T7B-140D	140W	AC220V	470mA	100
JLD-T7B-96R	96W	DC24V	270mA	96
JLD-T7B-144R	144W	DC24V	470mA	96

HD-F018 Series

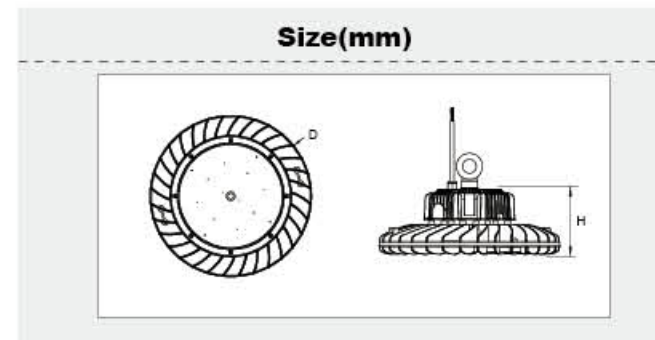


Applications

Ware house, supermarkets, factories, large stores, gas station, freezer rooms and so on

Features

- Die-casting aluminum heat sink.
- Multi methods of installation.
- Much higher CRI to HPS LPS MH.
- Various beam angle.
- Dimming control available.
- IK08.



Model	Product Size(mm)	Power(w)	Input Voltage	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Power Factor	CRI	Beam Angle
HD-F018	300*300*135	100W	100-240V	12000	120	IP65	>0.95	70/80	60°/120°
HD-F018	300*640*135	120W	100-240V	14400	120	IP65	>0.95	70/80	60°/120°
HD-F018	340*340*135	150W	100-240V	18000	120	IP65	>0.95	70/80	60°/120°
HD-F018	380*380*140	180W	100-240V	21600	120	IP65	>0.95	70/80	60°/120°
HD-F018	480*480*140	200W	100-240V	24000	120	IP65	>0.95	70/80	60°/120°

HD-F020 Series

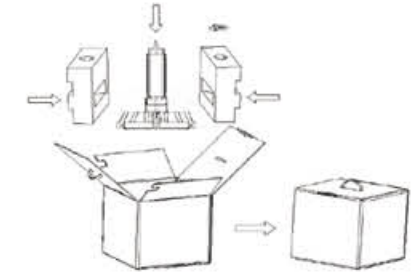
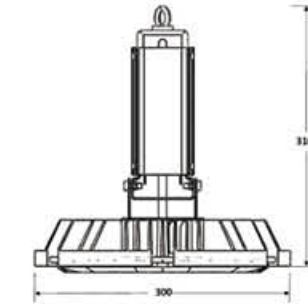


Applications

Ware house, supermarkets, factories, large stores, freezer rooms and so on.

Features

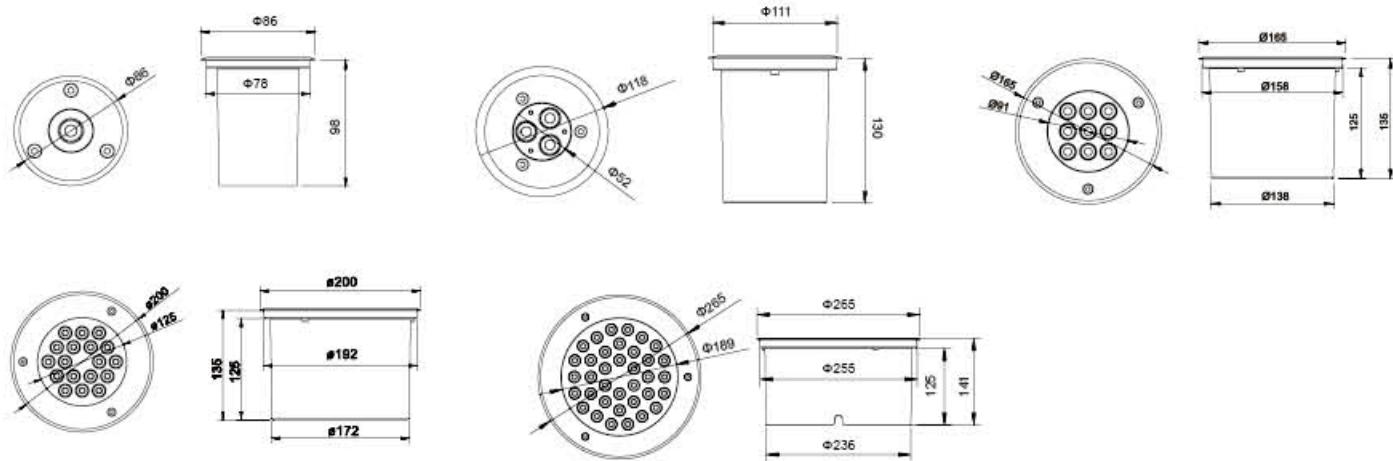
- High strength die casting aluminum heat sink, surface anti-ageing electrostatic spray process.
- High performance patent optical lens, various beam angle.
- Self-designed electrical box ;
- Dimming available.



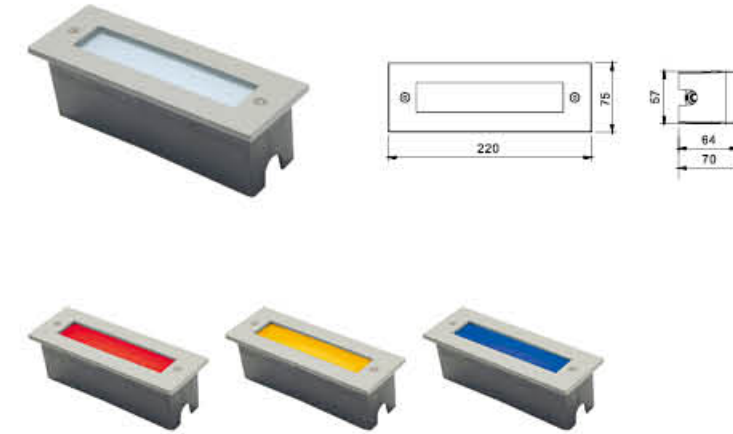
Model	Product Size(mm)	Power(w)	Input Voltage	Luminous(lm)	Luminous Efficiency(lm/w)	IP Grade	Power Factor	CRI	Beam Angle
HD-F020	420*310*230	100W	100-240V	12000	120	IP67	>0.95	70/80	90°/120°
HD-F020	420*310*230	150W	100-240V	18000	120	IP67	>0.95	70/80	90°/120°
HD-F020	420*310*230	185W	100-240V	22200	120	IP67	>0.95	70/80	90°/120°



JLD-M0 JLD-M1 JLD-M2 JLD-M3 JLD-M6



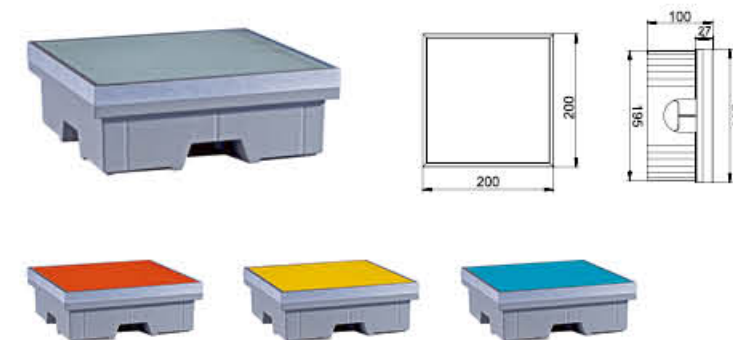
JLD-Q2



JLD-M9



JLD-M8

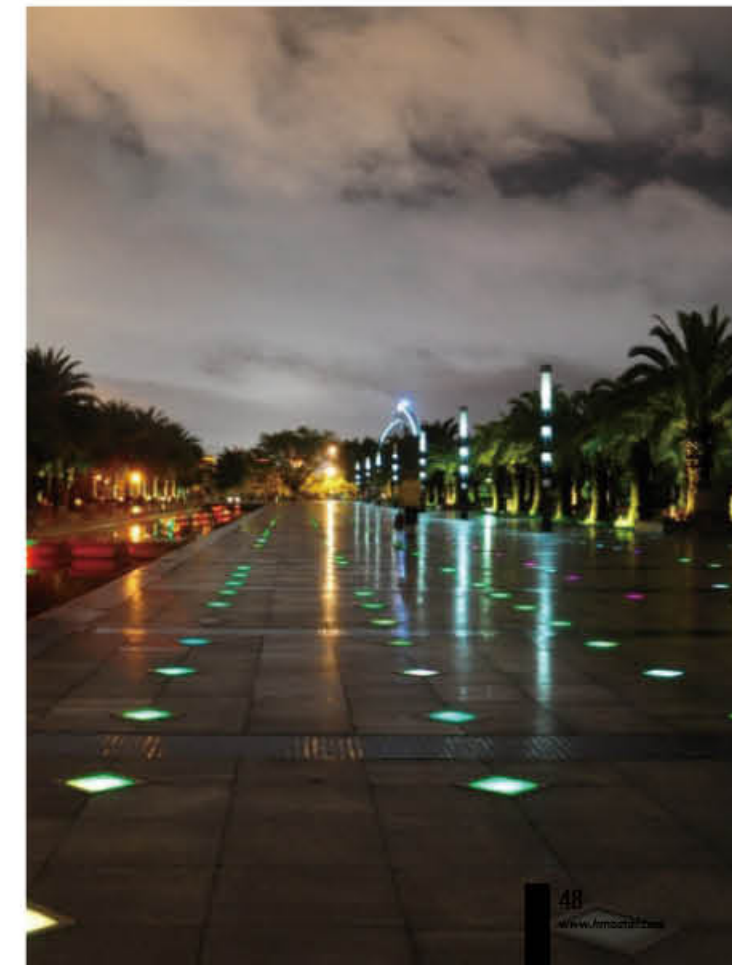


Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-M8D	7.2W	DC24V	350mA	36
JLD-M8R	7.2W	DC24V	350mA	36

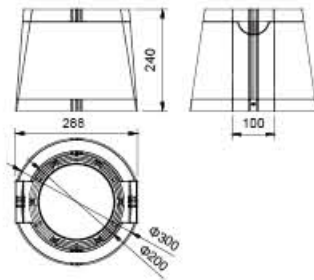
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-Q2-3D	3W	DC24V	120mA	12
JLD-Q2-3R	3W	DC24V	120mA	12



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-M9-4D	4W	DC24V	160mA	16
JLD-M9-4R	4W	DC24V	160mA	16

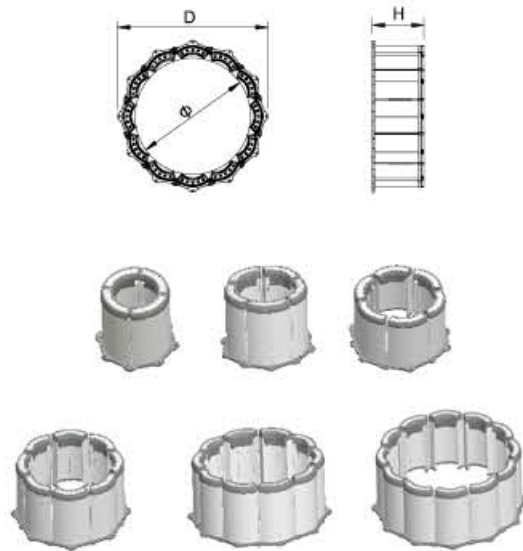


JL520



Model	Power(W)	Input Voltage	Beam Angle	Lamp Holder
JL520X	35W-150W	AC220V	8°	G12
JL520Z	35W-150W	AC220V	20°	G12
JL520K	35W-150W	AC220V	40°	G12

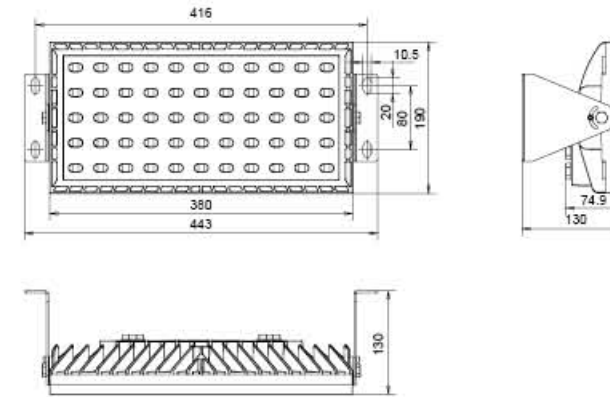
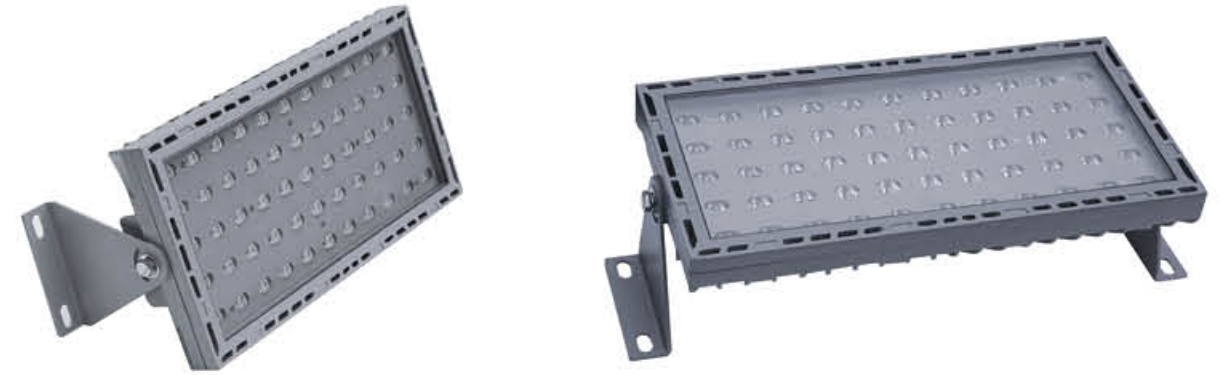
JLD-BZD



Model	Diameter(mm)	Width(mm)	Height(mm)
4	199	387	Customized
5	265	464	
6	335	550	
8	478	702	
10	621	850	
12	764	996	

Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-BZD-4D	4W	DC24V/AC220V	340mA	4
JLD-BZD-5D	5W	DC24V/AC220V	340mA	5
JLD-BZD-6D	6W	DC24V/AC220V	340mA	6

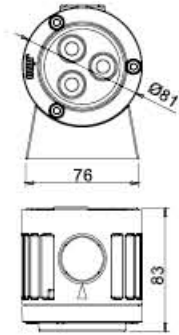
JLD-T7S



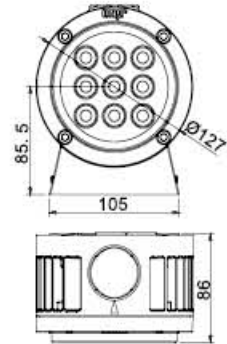
Model	Power(W)	Input Voltage	Driving Current	PCS	Single Power
JLD-T7S-30D	30W	AC220V	360mA	28	1.07W
JLD-T7S-50D	50W	AC220V	340mA	50	1W
JLD-T7S-70D	70W	AC220V	470mA	50	1.4W



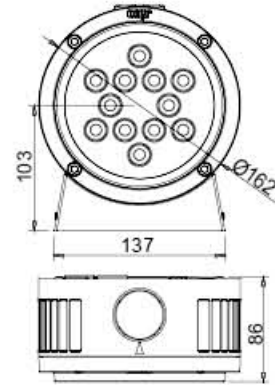
JLD-B1



JLD-B2



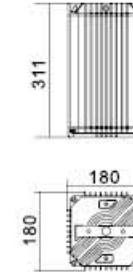
JLD-B3



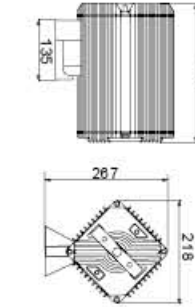
Model	Power(W)	Input Voltage	Driving Current	PCS	Single Power
JLD-B1-3D	3W	AC220V/DC24V	340mA	3	1W
JLD-B1-4.5D	4.5W	AC220V/DC24V	680mA	3	1.5W
JLD-B1-3R	3W	DC24V	340mA	3	1W
JLD-B1-4.5R	4.5W	DC24V	680mA	3	1.5W
JLD-B2-6D	6W	AC220V/DC24V	340mA	6	1W
JLD-B2-9D	9W	AC220V/DC24V	340mA	9	1W
JLD-B2-6R	6W	DC24V	340mA	6	1W
JLD-B2-9R	9W	DC24V	340mA	9	1W
JLD-B3-12D	12W	AC220V/DC24V	340mA	12	1W
JLD-B3-15D	15W	AC220V/DC24V	340mA	15	1W
JLD-B3-18D	18W	AC220V/DC24V	340mA	18	1W
JLD-B3-12R	12W	DC24V	340mA	12	1W
JLD-B3-15R	15W	DC24V	340mA	15	1W
JLD-B3-18R	18W	DC24V	340mA	18	1W



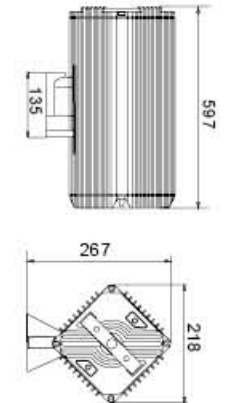
JL860A



JL860B



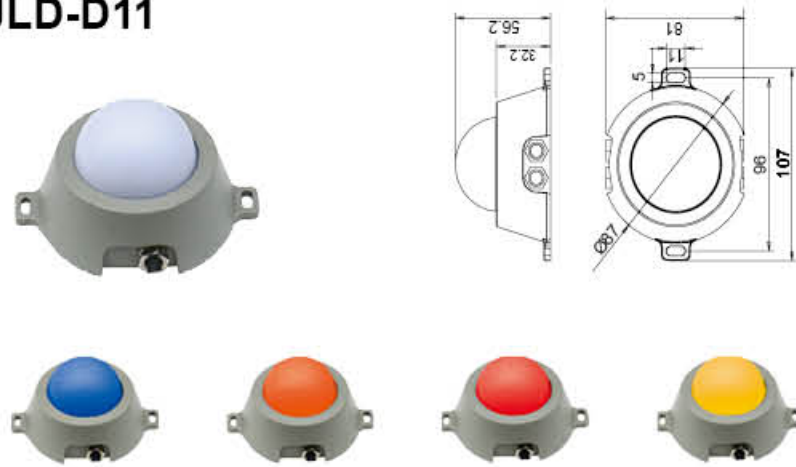
JL860C



Model	Power(W)	Input Voltage	Beam Angle	Lamp Holder
JL860A	35W/70W/150W	AC220V	8°/20°/40°	G12
JL860B	35W/70W/150W	AC220V	8°/20°/40°	G12
JL860C	35W/70W/150W	AC220V	8°/20°/40°	G12

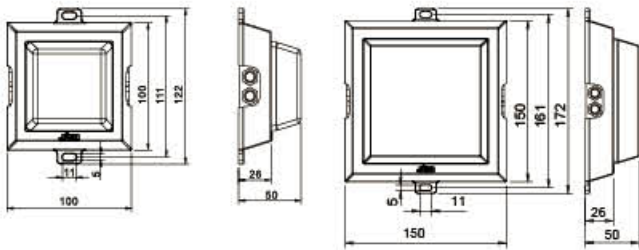
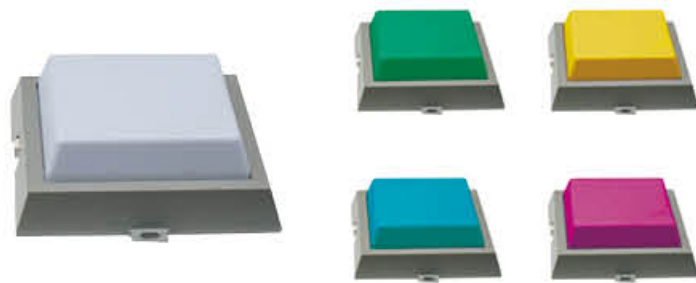


JLD-D11



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-D11-3D	3W	DC24V	120mA	12
JLD-D11-3R	3W	DC24V	120mA	12

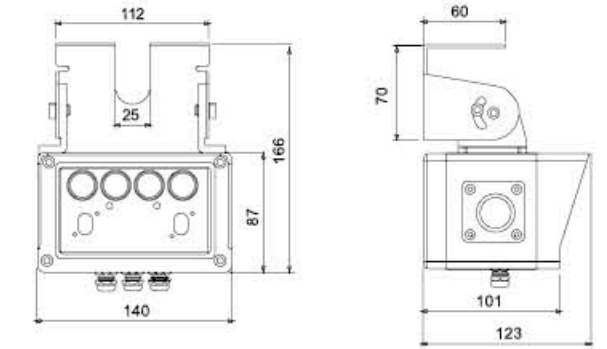
JLD-D21



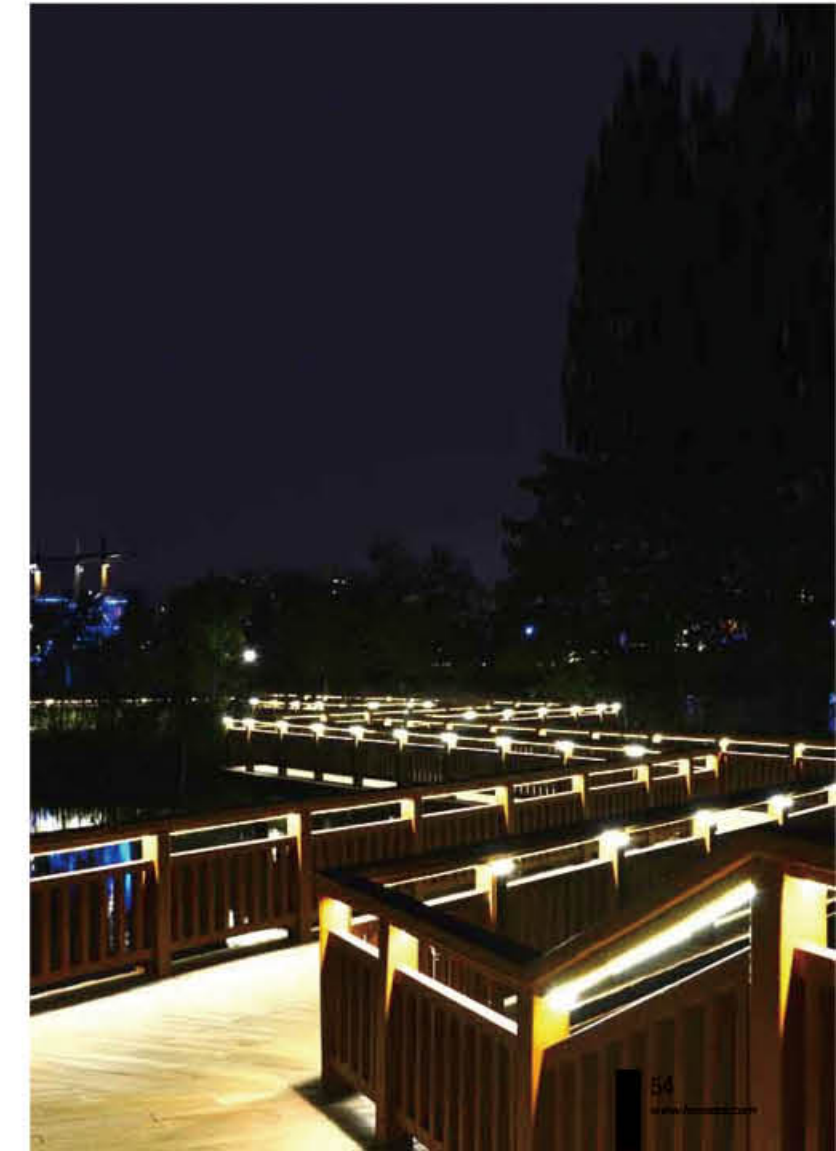
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-D21-6D	6W	DC24V	300mA	25
JLD-D21-6R	6W	DC24V	300mA	25
JLD-D22-9D	9W	DC24V	360mA	36
JLD-D22-9R	9W	DC24V	360mA	36
JLD-D22-12D	12W	DC24V	480mA	48
JLD-D22-15R	15W	DC24V	600mA	60



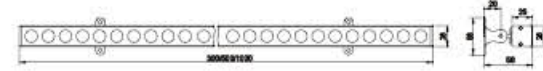
JLD-LG2



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-LG2-4	6W	AC220V	340mA	6
JLD-LG2-6	9W	AC220V	510mA	6

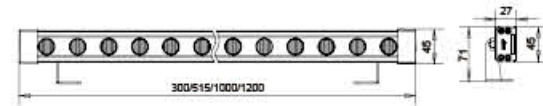


JLD-X5



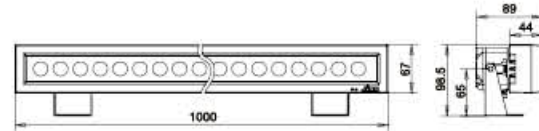
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-X5-6D	6W	DC24V	240mA	24
JLD-X5-7.5D	7.5W	DC24V	300mA	30
JLD-X5-12D	12W	DC24V	480mA	48
JLD-X5-15D	15W	DC24V	600mA	60
JLD-X5-6R	6W	DC24V	240mA	24
JLD-X5-7.5R	7.5W	DC24V	300mA	30
JLD-X5-12R	12W	DC24V	480mA	48
JLD-X5-15R	15W	DC24V	600mA	60

JLD-X6



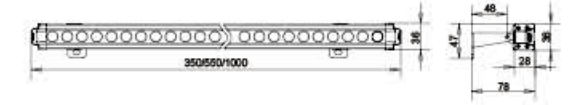
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-X6-9D	9W	DC24V	340mA	9
JLD-X6-12D	12W	DC24V	340mA	12
JLD-X6-15D	15W	DC24V	340mA	15
JLD-X6-18D	18W	DC24V	340mA	18
JLD-X6-24D	24W	DC24V	340mA	24
JLD-X6-30D	30W	DC24V	340mA	30

JLD-X8



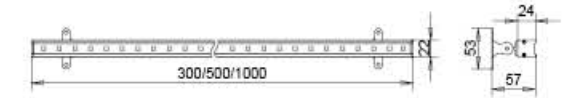
Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-X8-18D	18W	DC24V/AC220V	340mA	18
JLD-X8-24D	24W	DC24V/AC220V	340mA	24
JLD-X8-30D	30W	DC24V/AC220V	340mA	30
JLD-X8-36D	36W	DC24V/AC220V	340mA	36
JLD-X8-54D	54W	DC24V/AC220V	510mA	36
JLD-X8-18R	18W	DC24V	340mA	18
JLD-X8-24R	24W	DC24V	340mA	24
JLD-X8-30R	30W	DC24V	340mA	30
JLD-X8-36R	36W	DC24V	340mA	36
JLD-X8-90R	90W	DC24V	340mA	36

JLD-X7

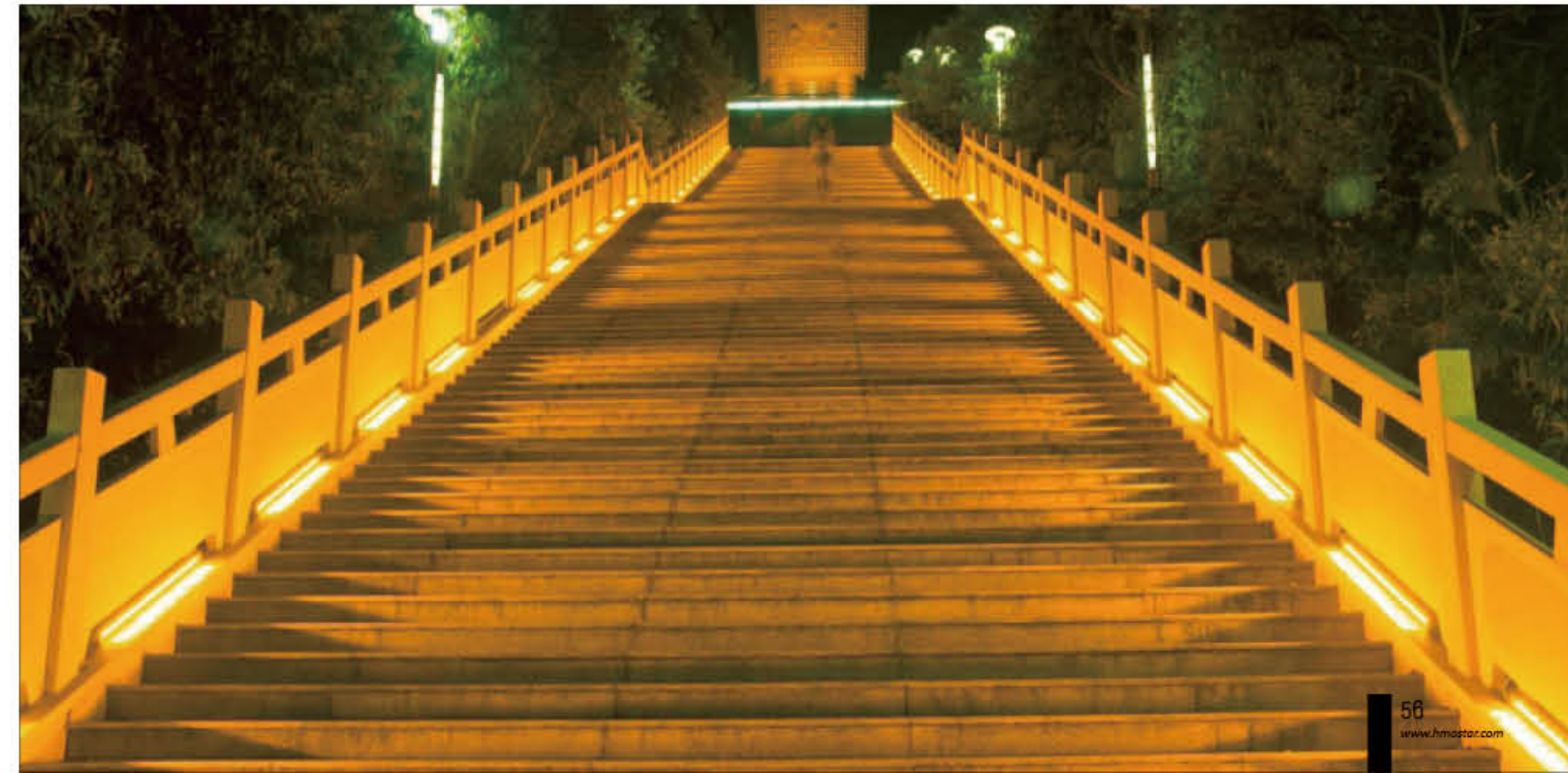


Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-X7A-D	3.75W/6W/7.5W 12W/15W	DC24V	330mA	15/24/30 48/60
JLD-X7A-R	3.75W/6W/7.5W 12W/15W	DC24V	330mA	15/24/30 48/60

JLD-X10



Model	Power(W)	Input Voltage	Driving Current	PCS
JLD-X10-6D	6W	DC24V	240mA	24
JLD-X10-12D	12W	DC24V	240mA	48
JLD-X10-6R	6W	DC24V	240mA	24
JLD-X10-12R	12W	DC24V	240mA	48



Light Poles



Octagonal Pole

TECHNICAL FEATURES

MATERIAL

Steel: Q235B, SS400, Q345B

TOLLERANCES

External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Hot Galvanized according to GB/T 13912, UNI EN ISO 1461, AS/NZS 4680

Powder coating or liquid paint is available on option

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
3,000-15,000	3-12	60/76	300



Conical Pole

TECHNICAL FEATURES

MATERIAL

Steel: Q235B, SS400, Q345B

TOLLERANCES

External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Hot Galvanized according to GB/T 13912, UNI EN ISO 1461, AS/NZS 4680

Powder coating or liquid paint is available on option

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
3,000-15,000	3-12	60/76	300





Flute Steel Pole

TECHNICAL FEATURES

MATERIAL

Steel:Q235B

TOLLERANCES

External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Hot Galvanized according to GB/T 13912,UNI EN ISO 1461,AS/NZS 4680

Powder coating or liquid paint is available on option

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
3,000-15,000	3-12	60/76	300



Alloy Aluminum Pole

TECHNICAL FEATURES

MATERIAL

Alloy Aluminum 6063

TOLLERANCES

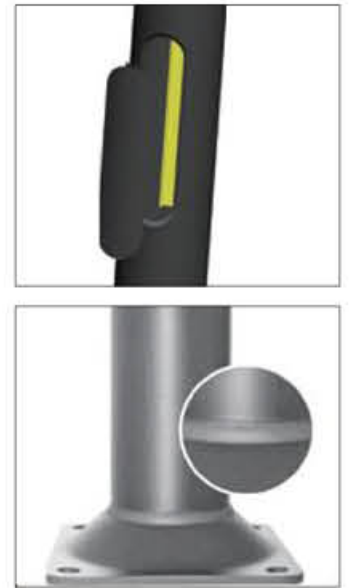
External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Anodizing,colouring, sealing, fluorocarbon coating or polyester powder, wood grain is available on option.

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
2,500-4,000	3-5	89/76/60	166



Hinged Steel Pole

TECHNICAL FEATURES

MATERIAL

Steel:Q235B

TOLLERANCES

External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Hot Galvanized according to GB/T 13912,UNI EN ISO 1461,AS/NZS 4680

Powder coating or liquid paint is available on option

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
3,000-15,000	3-12	60/76	300



Weld Stepped Pole

TECHNICAL FEATURES

MATERIAL

Steel:Q235B

TOLLERANCES

External diameter:	±1%
Shape:	±3% of the diameter
Thickness:	±10%
Straightening:	±0.3% of total length
Length:	±0.5%

PROTECTION

Hot Galvanized according to GB/T 13912,UNI EN ISO 1461,AS/NZS 4680

Powder coating or liquid paint is available on option

DATA SHEET

L(mm)	Thickness(mm)	TD(mm)	BD(mm)
6,000-12,000	2.5-4	60	219

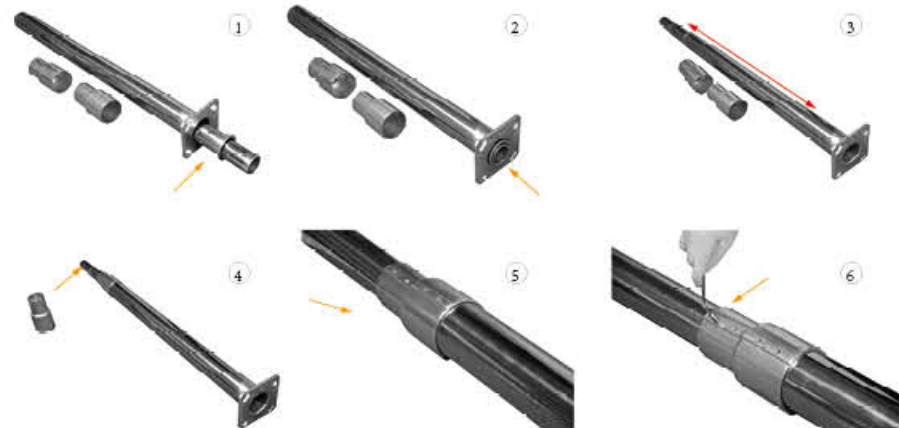




Detachable Telescopic Lighting Pole

Lighting **POLES MADE**

New Arrival 2016



Hot Dip Galvanized+Powder Coating Steel or Stainless Steel

- Fast Setup
- Freight Cost Saving
- Easy to Install
- Flexible Height

Dimensions

Model No.	Total Pole Height	Flange Size	Parts Qty
HGSL-35	3.5Mt	230*230*12mm	2 parts(2Mt+1.5Mt)
HGSL-40	4.0Mt		2 parts(2Mt+2.0Mt)
HGSL-45	4.5Mt		3 parts(1.5Mt+1.5Mt+1.5Mt)
HGSL-50	5.0Mt		3 parts(2.0Mt+1.5Mt+1.5Mt)
HGSL-55	5.5Mt		3 parts(2.0Mt+2.0Mt+1.5Mt)
HGSL-60	6.0Mt		3 parts(2.0Mt+2.0Mt+2.0Mt)

HJT-01

HPS-150W
LED60W/40W

Distribution

Boby: Galvanized steel plate after jointing and welding
 Optical system: Anodized aluminium reflector and PMMA diffuser
 Base plate: Galvanized steel plate
 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system
 Assembling height: 3-10m
 Fixing: Top fitting $\Phi 80$ mm or 3/4" gas thread



HJT-02

120W/80W/60W

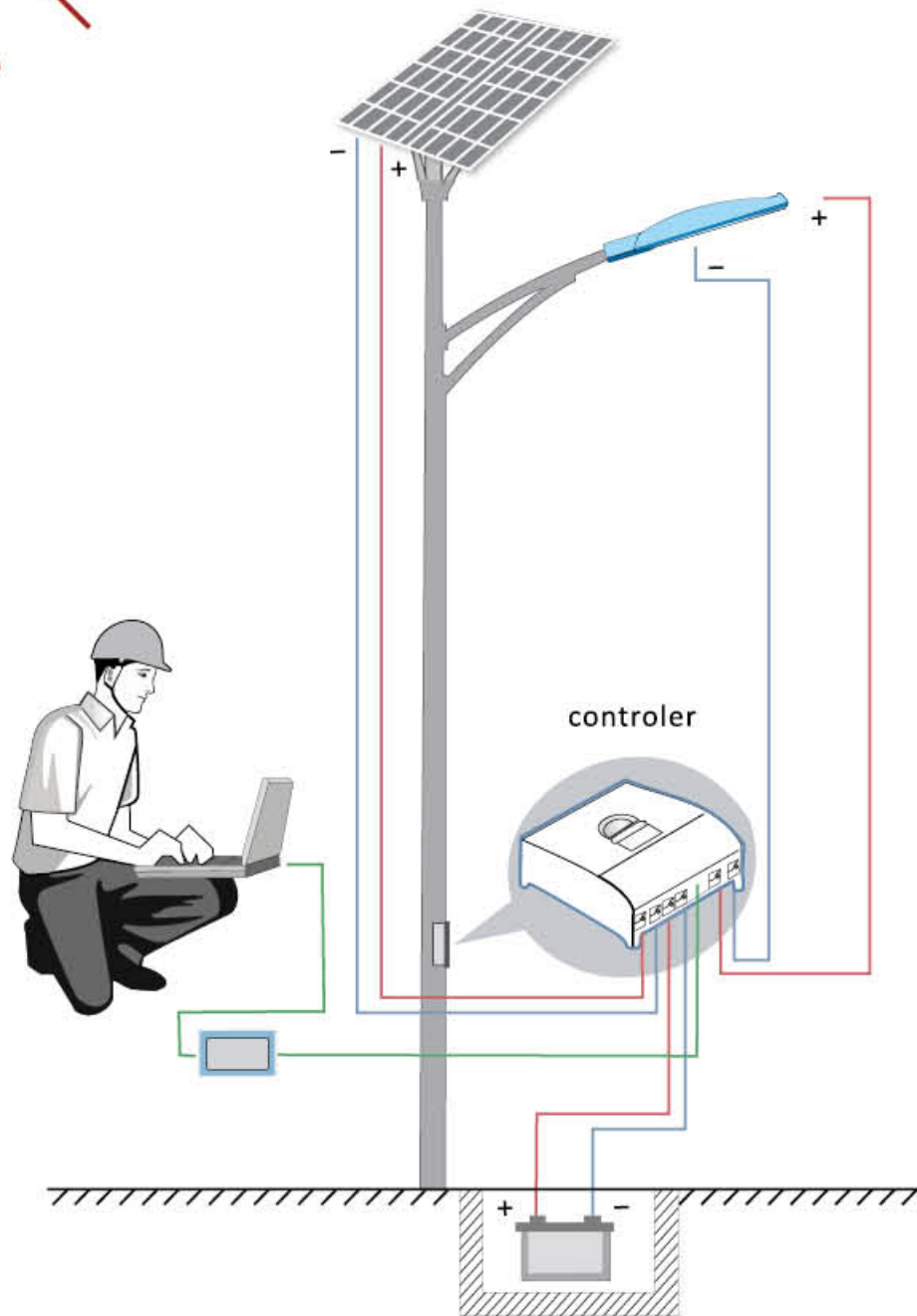
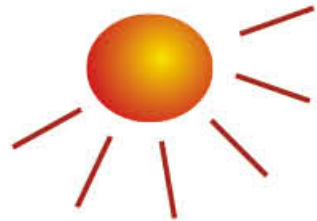
Distribution

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 Optical system: Anodized aluminium reflector and PMMA diffuser
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 Finishing: Mechanical and chemical anti-corrosion treatment, uv resistant exterior paint system
 Assembling height: 3-10m
 Fixing: Top fitting $\Phi 80$ mm or 3/4" gas thread



SOLAR STREET LIGHT SYSTEM

The application of occasions
Mainly used for parks, plazas, pedestrian street, street.



Suggested Specifications

To figure out an accurate proposal, there are 4 important parameters that should be provided.

Geographical coordinates

Road width

How many working hours per day

How many backup rainy days

Note: Solar power radiation is a vital factor to determine any specifications in any solar street light application and that's why the geographical coordinates is requested in order to find out the solar radiation in different cities around the globe.

Project Info		Recommended Configurations						
Rode Width	Sun Power Radiation	Center Luminance	Working Hours Per day	Backup Rainy Days	Specification			
					LED Lamp	Lighting Pole	Solar Panel	Gel Battery
3M	5.5	12 LUX	10~12 hours	2~3 days	10W	3M	45W	24AH
	4.5			3~4 days			55W	38AH
	3			4~5 days			80W	50AH
4M	5.5	13 LUX	9~12 hours	2~3 days	15W	4M	60W	38AH
	4.5			3~4 days			75W	60AH
	3			4~5 days			110W	80AH
5M	5.5	13 LUX	9~12 hours	2~3 days	18W	5M	70W	50AH
	4.5			3~4 days			90W	65AH
	3			4~5 days			120W	90AH
6M	5.5	16 LUX	9~12 hours	2~3 days	21W	6M	85W	60AH
	4.5			3~4 days			105W	80AH
	3			4~5 days			155W	100AH
7M	5.5	19 LUX	9~12 hours	2~3 days	30W	7M	120W	80AH
	4.5			3~4 days			150W	120AH
	3			4~5 days			220W	150AH
8M	5.5	21 LUX	9~12 hours	2~3 days	50W	8M	200W	130AH
	4.5			3~4 days			250W	180AH
	3			4~5 days			350W	240AH
9M	5.5	24 LUX	9~12 hours	2~3 days	60W	9M	240W	180AH
	4.5			3~4 days			300W	240AH
	3			4~5 days			420W	300AH
10M	5.5	26 LUX	9~12 hours	2~3 days	80W	10M	320W	240AH
	4.5			3~4 days			400W	300AH
	3			4~5 days			500W	360AH
12M	5.5	28 LUX	9~12 hours	2~3 days	100W	12M	400W	300AH
	4.5			3~4 days			500W	360AH
	3			4~5 days			600W	500AH



Model	SSL001	SSL002	SSL003	SSL004
Solar Panel	18V/18W Monocrystalline Solar Panel, Grade A	18V/28W Monocrystalline Solar Panel, Grade A	18V/45W Monocrystalline Solar Panel, Grade A	18V/60W Monocrystalline Solar Panel, Grade A
LED	8W	15W	20W	30W
Lifespan of LED	More Than 50,000 Hours			
Luminous Flux	880lm~960lm	1650lm~1800lm	2200lm~2400lm	3300lm~3600lm
Color Temperature	3000K~6500K			
Beam Angle	120°		65°*130°	
Battery	12V, 10AH Li-ion lithium battery	12V, 16AH Li-ion lithium battery	12V, 25AH Li-ion lithium battery	12V, 35AH Li-ion lithium battery
Discharging Time	18h (100% power), 42h (energy saving mode)			
Charing Time	7h(AM1.5,1000W/m ² ,25°C)			
Material	6063 Aluminum,PC			
Working Temperature	-25°C~55°C			
Diameter of Mounted Lamppost	60~89mm		76~89mm	
Mounting Height	3~4m	4~5m	4~6m	5~7m
Mounting Space	10~15m		15~20m	15~25m
Packing Size	570*370*110mm	780*380*190mm	920*380*190mm	1170*380*200mm
Net Weight	5KG	8.7KG	11.4KG	15.5KG
Gross Weight	5.9KG	9.9KG	12.8KG	17.2KG
Control Mode	Light, time and PIR remote control			
Product Size	505*325mm	740*325mm	880*325mm	1105*325mm
Package Quantity	800 sets/20' GP 1600 sets/40' GP	480 sets/20' GP 960 sets/40' GP	396 sets/20' GP 792 sets/40' GP	330 sets/20' GP 660 sets/40' GP

Model	SSL005	SSL006	SSL007	SSL008
Solar Panel	18V/70W Monocrystalline Solar Panel, Grade A	18V/80W Monocrystalline Solar Panel, Grade A	36V/130W Monocrystalline Solar Panel, Grade A	36V/180W Monocrystalline Solar Panel, Grade A
LED	40W	60W	80W	120W
Lifespan of LED	More Than 50,000 Hours			
Luminous Flux	4400lm~4800lm	5500lm~6000lm	8800lm~9600lm	13200lm~14400lm
Color Temperature	3000K~6500K			
Beam Angle	65°*130°			
Battery	12V, 45AH Li-ion lithium battery		24V, 40AH Li-ion lithium battery	24V, 50AH Li-ion lithium battery
Discharging Time	18h (100% power), 42h (energy saving mode)			
Charing Time	8h(AM1.5,1000W/m ² ,25°C)	9h(AM1.5,1000W/m ² ,25°C)	10h(AM1.5,1000W/m ² ,25°C)	10h(AM1.5,1000W/m ² ,25°C)
Material	6063 Aluminum,PC			
Working Temperature	-25°C~55°C			
Diameter of Mounted Lamppost	76~89mm			89~114mm
Mounting Height	5~7m	5~8m	6~9m	8~10m
Mounting Space	15~25m		20~30m	
Packing Size	1090*460*200mm	1415*460*200mm	1470*625*265mm	2110*625*265mm
Net Weight	17.4KG	19.8KG	33KG	52KG
Gross Weight	19.1KG	21.8KG	42.4KG	61.5KG
Control Mode	Light, time and PIR remote control			
Product Size	1075*400	1350*400	1410*565	2020*565
Package Quantity	275 sets/20' GP 550 sets/40' GP	220 sets/20' GP 440 sets/40' GP	112 sets/20' GP 272 sets/40' GP	65 sets/20' GP 151 sets/40' GP

Work Mode

25% power lighting



full power lighting



When nobody around the light, it works at 25% power. When people passes by, the motion sensor detects it and the light will be full power lighting.



Lithium Battery Solar Street Light

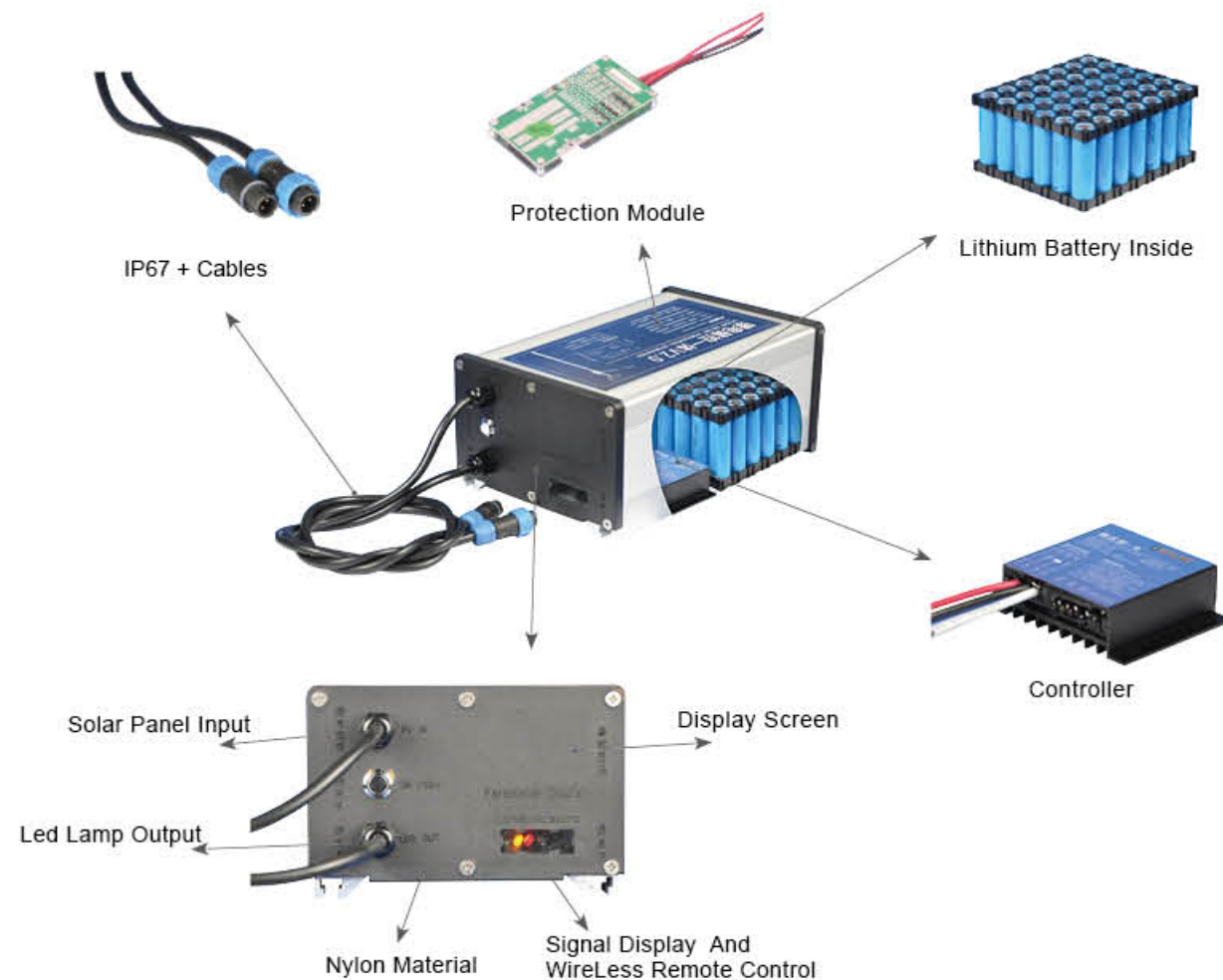
The service life of lithium battery is 1.5 times of traditional gel battery. It has the advantages of smaller bulk, lighter weight, deeper discharge degree and so on. Because of these advantages, lithium battery has been widely used in solar street lights recent years. It has the great tendency of replacing traditional gel battery. In our lithium battery solar street light system, we combined lithium battery and controller as one energy storage controlling module. It simplifies the whole system vastly, improves the stability of system and simplifies the installation.



Suggested Configurations

Installation Site Info		Recommended Configurations							
Rode Width	Sun Power Radiation	Component Specifications				center luminance	illumination range	working hours per day	autonomy days backup
		LED lamp	lighting pole	solar panel	Lithium battery				
4M	5.5	15W	4M	80W	360WH	12 LUX	≤12M	9~12 hours	1~2 days
	4.5			75W	480WH				2~3 days
5M	5.5	20W	5M	80W	480WH	13 LUX	≤15M	9~12 hours	1~2 days
	4.5			100W	600WH				2~3 days
6M	5.5	30W	6M	120W	780WH	19 LUX	≤18M	9~12 hours	1~2 days
	4.5			150W	1200WH				2~3 days
7M	5.5	40W	7M	160W	1200WH	19 LUX	≤21M	9~12 hours	1~2 days
	4.5			200W	1440WH				2~3 days
8M	5.5	60W	8M	240W	1560WH	25 LUX	≤24M	9~12 hours	1~2 days
	4.5			300W	2400WH				2~3 days
9M	5.5	80W	9M	320W	2400WH	29 LUX	≤27M	9~12 hours	1~2 days
	4.5			400W	2880WH				2~3 days
10M	5.5	100W	10M	400W	2880WH	28 LUX	≤27M	9~12 hours	2~3 days
	4.5			500W	3000WH				3~4 days

Battery Storage Controlling Module



Connection Diagram



1-Connect LED Lamp

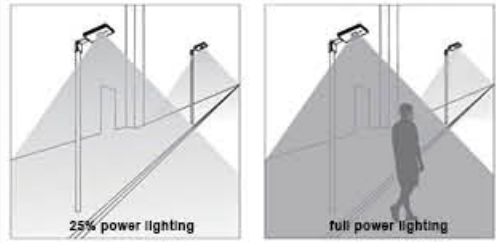
2-Connect Solar Panel

3-Press the button to switch the System ON



Specifications		SSL009	SSL010
LED Lamp	Rated Power	5W/10W	15W/20W
	LED Chip	PHILIPS Lumileds 3030 SMT	PHILIPS Lumileds 3030 SMT
	Colour Temperature	3000~6500K	3000~6500K
	Luminous flux	500/1400 LM	1500/2800 LM
	Fixture Material	Aluminium alloy	Aluminium alloy
Solar panel		10W Monocrystalline	15W/20W Monocrystalline
Battery specs		Lith 4AH/ 8AH	Lith 12AH/ 16AH
Sensor Height		Within 8Mt	Within 8Mt
Full power lighting time		>8 hours	>10 hours
Normal working days		> 3 raining days	> 3 raining days
Working Temperature		-20°C~60°C	-20°C~60°C
IP rating		IP65	IP65
Mounting Height		3~6Mt	3~6Mt
Product net weight		1.88Kg	4.9Kg
Product Size		400x210x60mm	600x300x80mm
Packing		400x350x240mm	620x360x320mm
		5 Pcs	4Pcs



Specifications		HD032-20W	HD032-24W	HD032-30W	HD032-40W
LED Lamp	Rated Power	20W	24W	30W	40W
	LED Chip	Epistar/Bridgelux			
	Colour Temperature	3000-6500K			
	Lamp Efficiency	90 lumens/W			
	Fixture Material	Aluminium alloy			
	Lithium Battery		20AH/12V	24AH/12V	30AH/12V
Sensor Height (Optional)		120° DEtection angle, 8 meter detection height			
Working Mode		A:Light switch-on & time switch-off, 4-period Energy Saving Mode available B:Energy saving mode  When nobody around the light, It works at 25% power. When people passes by, the motion sensor detects it and the light will be full power lighting.			
Discharging Time		more than 30 hours			
Ambient Temperature		-10~60°			
Lamp Adaptor		Diameter 60mm			
IP Grade		IP65			
Suggested Mounting Height		4~5Mt	4~5Mt	5~6Mt	6~7Mt
Product Size		580x260x85mm			

Note:JIS-AIO3 Series has no motion sensor



Specification

Solar Panel	18v/25w Monocrystalline Solar Panel, Grade A
LED	12w, 10x18mil Epistar Chip
Lifespan of LED	More Than 50,000 Hours
Color Temperature	3000K~8500K
Beam Angle	120°
Battery	12V, 12AH LiFePO ₄ Lithium Battery
Discharging Time	18 Hours
Charging Time	8H (AM1.5, 1000W/m ² , 25°C)
Material	6063 Aluminum, PC
Working Temperature	-25°C~55°C



SGL001
Product Size: Φ515x720mm



SGL002
Product Size: Φ500x660mm



SGL003
Product Size: Φ540x620mm



SGL004
Product Size: Φ500x550mm



SGL005
Product Size: Φ510x565mm



SGL006
Product Size: Φ510x600mm



Specification

Solar Panel	9v/5.5w Monocrystalline Solar Panel, Grade A
LED	3.5w, 10x18mil Epistar Chip
Lifespan of LED	More Than 50,000 Hours
Color Temperature	3000K~8500K
Beam Angle	120°
Battery	6.4V, 4.5AH LiFePO ₄ Lithium Battery
Discharging Time	23 Hours
Charging Time	8H (AM1.5, 1000W/m ² , 25°C)
Material	6063 Aluminum, PC
Working Temperature	-25°C~55°C



SLL001 (H=800mm)



SLL002 (H=1000mm)



SLL003 (H=760mm)



SLL004 (H=800mm)



SLL005 (H=800mm)



SLL006 (H=800mm)



SLL007 (H=860mm)



SLL008 (H=800mm)

- 2 POSITION POSITIVE LATCHING AT THE BASE
- FIXED ROLLERS
- STAINLESS STEEL LIFT & WINCH CABLE (GALVANIZED OPTIONAL)
- ALL STAINLESS STEEL HARDWARE
- FACTORY WIRING
- COPPER-FREE ALUMINUM COVER
- HOT DIPPED GALVANIZED HEADFRAME AND LUMINAIRE RING
- TWIST LOCK WEATHERTIGHT CONNECTORS



- INTERNAL WINCH SYSTEM FOR US WITH A PORTABLE POWER UNIT(TOTALLY SELF CONTAINED INTERNAL MOTORIZED WINCH SYSTEM OR A WINCH CART ASSEMBLY ARE OPTIONAL)

- ANTI-ROTATIONAL TRANSITION ASSEMBLY
- SYSTEM DISCONNECT
- SINGLE CIRCUIT ELECTRICAL SYSTEM (2 OR 3 CIRCUIT SYSTEM OPTIONAL)

- LUMINAIRE RING LOWERS TO WITHIN 4 FEET OF THE POLE BASE FOR SERVICING AND MAINTAINING THE LUMINAIRES, AND OTHER ELECTRICAL EQUIPMENT

- INDIVIDUAL LIFT AND WINCH CABLES AS WELL AS THE ELECTRICAL POWER CORD CAN BE REPLACED AT GROUND LEVEL.

