

SUMEC

PhonoSaving

Streetlight



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M- L series LED street lights

Products advantages of L-series LED street lights:

Fully aluminum alloy Die-casting case.

7 Years warranty.

High whole light's luminous efficiency: 125 LM/W.

Toolless, the housing can be opened without tools.

With Power turn off protector, protect the safety of personnel.

With 10KV Surge Protection Device.

With imported breather, increase lamp service life.

Philips LED chips, and Mean Well drivers.

Product picture of M-L series LED street lights:



LED STREET LIGHTS

Parameters of L-series LED street lights:

Product	L120	L150	L180	L200
Norminal Wattage	120W	150W	180W	200W
LED Qty & Current	192 units & 93 mA	240 units & 93 mA	288 units & 93 mA	336 units & 93 mA
Input Voltage	100-240V /277V AC 50 /60Hz			
Dimming	0-5V, 0-10V, PWM, Timer			
LED Brand	Philips Lumileds 3030			
Driver Brand	Non-dimmable: MeanWell HLG Driver Dimmable: Inventronics Driver			
Max. Current @ 120V	1.23A	1.54A	1.85A	2.06A
Max. Current @208V	0.71A	0.89A	1.07A	1.19A
Max. Current @240V	0.62A	0.77A	0.93A	1.03A
Max. Current @277V	0.53A	0.67A	0.80A	0.89A
Operating Temperature	-40 °C to +50 °C			
Power Factor(PF)	>0.95			
THD	<20%			
Lumen Output (+/- 5%)	15000 lm	18750 lm	22500 lm	25000 lm
Luminaire efficacy (+/- 5%)	125 lm /w	125 lm /w	125 lm /w	125 lm /w
Optic	1M, 2M, 3M			
CRI	>70			
CCT	4000K (Nature White), 5000K (Pure White), 5700K (Cool White)			
Rang	IP66, IK08			
Material	Die-cast aluminum; Tempered Glass			
Installation	Horizontal and vertical installation are both available; Adjustable tilt angle: 0-5-10-15°			
Accessories (Optional)	Motion Sensor, Photocell			
Shell Color	Light Grey or Deep Grey			
Lumen Maintenance	> 75,000 hours-L ₇₀ at 25 °C			
Certifications	CE, ROHS, LM80, ISO9001, ISO14001			
Fixture Weight	12.0 kg /26.5 lbs	12.0 kg /26.5 lbs	12.1 kg /26.7 lbs	12.2 kg /26.9 lbs
Packaging Weight	14.5 kg /32.0 lbs	14.5 kg /32.0 lbs	14.6 kg /32.2 lbs	14.7 kg /32.4 lbs
Packaging Dimension	915 X495 X225 mm /36.0 X19.5 X8.9 inches			
Packaging Type	1 unit /ctn.			

Parameters of L-series LED street lights:

Product	60	90	120
Norminal Wattage	60W	90W	120W
LED Qty &Current	96 units &93 mA	144 units &93 mA	192 units &93 mA
Input Voltage	100-240V /277V AC 50 /60Hz		
Dimming	0-5V, 0-10V, PWM, Timer		
LED Brand	Philips Lumileds 3030		
Driver Brand	Non-dimmable: MeanWell HLG Driver Dimmable: Inventronics Driver		
Max. Current @120V	0.62A	0.93A	1.23A
Max. Current @208V	0.36A	0.53A	0.71A
Max. Current @240V	0.31A	0.46A	0.62A
Max. Current @277V	0.27A	0.40A	0.53A
Operating Temperature	-40 °C to +50 °C		
Power Factor(PF)	>0.95		
THD	<20%		
Lumen Output (+/- 5%)	7500 lm	11250 lm	15000 lm
Luminaire efficacy (+/- 5%)	125 lm /w	125 lm /w	125 lm /w
Optic	1M, 2M, 3M		
CRI	> 70		
CCT	4000K (Nature White), 5000K (Pure White), 5700K (Cool White)		
Rating	IP66, IK08		
Material	Die-cast aluminum; Tempered Glass		
Installation	Horizontal and vertical installation are both available; Adjustable tilt angle: 0-5-10-15°		
Accessories (Optional)	Motion Sensor, Photocell		
Shell Color	Light Grey or Deep Grey		
Lumen Maintenance	> 75,000 hours-L ₇₀ at 25 °C		
Certifications	CE, ROHS, LM80, ISO9001, ISO14001		
Fixture Weight	7.8 kg /17.2 lbs	8.1 kg /17.6 lbs	8.2 kg /18.1 lbs
Packaging Weight	9.8 kg /21.6 lbs	10.1 kg /22.3 lbs	10.2 kg /22.5 lbs
Packaging Dimension	785 X415 X205 mm /31.0 X16.3 X8.1 inches		
Packaging Type	1 unit /ctn.		

Products details of M-L-series LED street lights:



Photocell available

Lamp will Auto turn on and off according to lux difference.

LED power supply



+ NON-DIMMABLE

High end MeanWell HLG Series LED driver, optimal stability, performance and lifespan.



+ DIMMABLE

High-end programmable Inventronics LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.



LED lens design

Optional light distribution curve available with 1M, 2M, 3M, Utilize high permeability tempered glass, providing the best lumen output of the luminaire.



Imported breather

Lamp breather ensures air balance inside and outside of the lamp which improved lamp service life.



Power turn off protector

When the lamp maintenance, Open lamp flash, Internal power lamp, Protect the safety of personnel.



Lighting protection device

To provide more reliable guarantee for LED drive power, extend the life of the product.

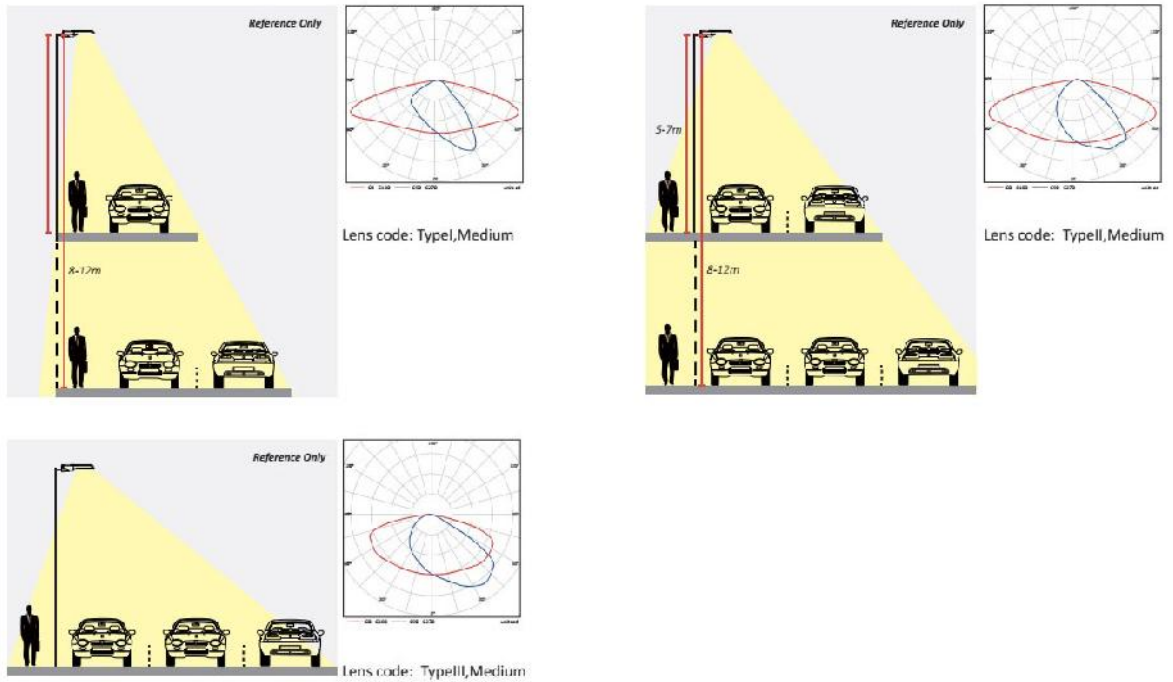


Connect base

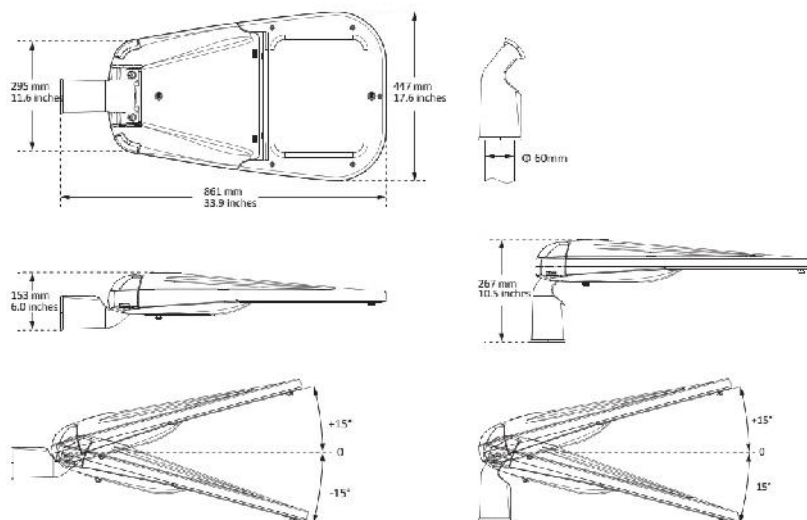
Disassemble easily which reduces maintenance costs.

Application (Driverway width=3.5M):

Urban Main Roads | Highway | Parking Lot | Area



Dimension data:



LED Street Light A 85



I. Product features

- 1) Efficient heat dissipation: the innovation of LED source, radiator and material, also vertical air convection and heat dissipation, solve the problem of high LED junction temperature.
- 2) LED (Philips/Osram), components IP66, Driver IP66, Waterproof connection IP67
- 3) Lens are made of weathering PC, the aluminum alloy of radiator is deeply anodized, so can resist harsh environments.
- 4) The design of lightning and surging protection, the failure rate zero.
- 5) Aluminum Die Cast housing, Cu free.
- 6) Tempered Glass 5mm, UV free.
- 7) Novelty design, nice shape, light fashion, modern. Environmental friendly, fast start, no flicker, no noise, no radiation of infrared light, UV -light or others, no Hg.

II. Technical advantages

- 1) Efficiency: High luminous efficiency, compared with conventional lamps, can save 60% --80% of the electricity cost.
- 2) Luminous decay: High quality, long life LED encapsulating material and good heat dissipation technology, small light failure,
- 3) Lifespan: Long lifespan, over 70,000hours

4) Light distribution: the most advanced asymmetric illumination optical design, uniform color distribution, no glare, excellent uniform illumination and brightness uniformity

5) Cost: modular design, dissipation, light distribution, integrated structure, high LED Encapsulation technology.

6) NEMA Connector 7pin



NO.	Item	Parameter
1	Input Voltage	100~240V
2	Frequency range	50/60 Hz
3	Power	78W
4	Power Factor	0.95
5	Rated Color Temperature	3000k/4000K/5000K
6	Color Rendering Index	70RA
7	Luminous Flux	8000LM
8	Lamp efficiency	>100LM/W
9	Beam angle	140° X 45°
10	Driver type	1-10v dimming
11	Surge Protection	10KV
11	Life time	70,000 Hours
12	Working temperature	-25°C~+50°C
13	Storage temperature	-40°C~+85°C
14	IP/IK degree	IP66 / IK08
15	Dimension	690*250*90mm
16	Net weight	5.85KG
17	Adjustable angle	±20°
18	Installation	Sleeve installing
19	Installation Height	6-8m
20	Packing size	730*280*115mm
21	G.W/ctn	6.8kgs

STREET LIGHT 60W

STREET LIGHT CSL-B60



POWER¹	60W
Input Voltage	AC 85-265V 277V DC10-28V
PF¹	>0.95
Input Frequency	50/60Hz
Lamp Luminous Flux¹	>5400lm
CCT¹	Warm W: 2700-3500K Pure W: 4000-5000K Cool W: 5500-6500K
CRI¹	>75
CHIP	CREE XTE 24pcs
PROTOCOL²	LM-80
Driver	MEANWELL
Beam Angle¹	140° x 75°
Lifespan²	>50.000h
Material	Die-casting Aluminum
IP rate	IP66
Fitment Base	Φ60
Product Dimension	42.3*29.2*9.8cm
Net Weight	5.8 kgr
Working Temp	-40°C - +50°C

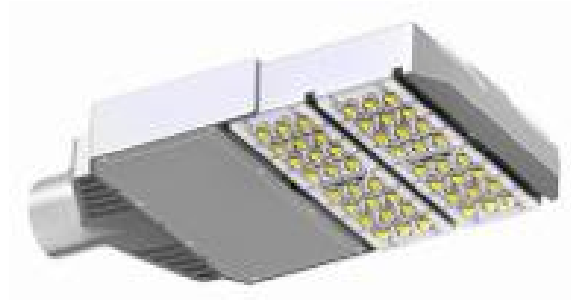
Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**

2. IESNA LM-80

STREET LIGHT 90W

STREET LIGHT CSL-B90



POWER¹	90W
Input Voltage	AC 85-265V 277V DC10-28V
PF¹	>0.95
Input Frequency	50/60Hz
Lamp Luminous Flux¹	>8100lm
CCT¹	Warm W: 2700-3500K Pure W: 4000-5000K Cool W: 5500-6500K
CRI¹	>75
CHIP	CREE XTE 48pcs
PROTOCOL²	LM-80
Driver	MEANWELL
Beam Angle¹	140° x 75°
Lifespan²	>50.000h
Material	Die-casting Aluminum
IP rate	IP66
Fitment Base	Φ60
Product Dimension	49.5*29.2*9.8cm
Net Weight	6.07 kgr
Working Temp	-40°C - +50°C

Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**

2. IESNA LM-80

STREET LIGHT 120W

STREET LIGHT CSL-B120



POWER¹	120W
Input Voltage	AC 85-265V 277V DC10-28V
PF¹	>0.95
Input Frequency	50/60Hz
Lamp Luminous Flux¹	11440lm
CCT¹	5500K
CRI¹	>75
CHIP	CREE XTE 72pcs
PROTOCOL²	LM-80
Driver	MEANWELL HLG-150H-42A
Beam Angle¹	140° x 75°
Lifespan²	>50.000h
Material	Die-casting Aluminum
IP rate	>IP66
Fitment Base	Φ60
Product Dimension	495*292*98mm
Working Temp	-40°C - +50°C

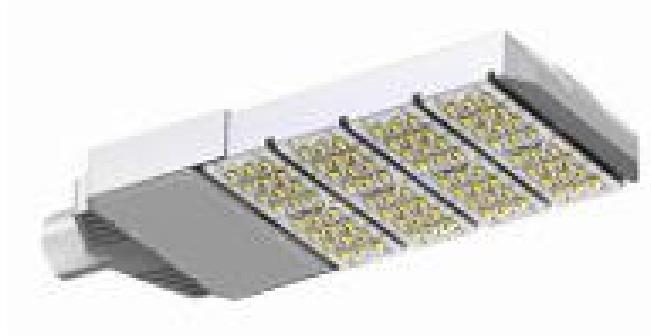
Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**

2. IESNA LM-80

STREET LIGHT 150W

STREET LIGHT CSL-B150



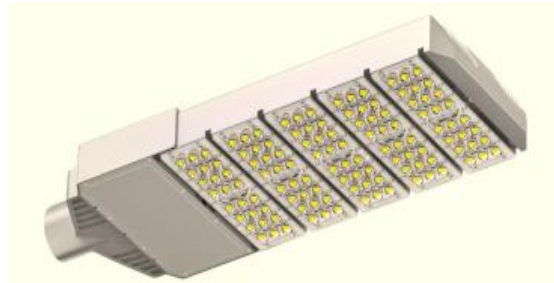
POWER¹	150W
Input Voltage	AC 85-265V 277V DC10-28V
PF¹	>0.95
Input Frequency	50/60Hz
Lamp Luminous Flux¹	14250lm
CCT¹	5500K
CRI¹	>75
CHIP	CREE XTE 96pcs
PROTOCOL²	LM-80
Driver	MEANWELL HLG-150H-42A
Beam Angle¹	140° x 75°
Lifespan²	>50.000h
Material	Die-casting Aluminum
IP rate	>IP66
Fitment Base	Φ60
Product Dimension	765*395*135 mm
Working Temp	-40°C - +50°C

Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**

STREET LIGHT 190W

STREET LIGHT CSL-B190



POWER¹	190W
Input Voltage	AC 85-265V 277V DC10-28V
PF¹	>0.95
Input Frequency	50/60Hz
Lamp Luminous Flux¹	18050lm
CCT¹	5500K
CRI¹	>75
CHIP	CREE XTE 120pcs
PROTOCOL²	LM-80
Driver	MEANWELL HLG-185H-42A
Beam Angle¹	140° x 75°
Lifespan²	>50.000h
Material	Die-casting Aluminum
IP rate	>IP66
Fitment Base	Φ60
Product Dimension	771*292*98mm
Working Temp	-40°C - +50°C

Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**

2. IESNA LM-80

H-series LED street lights

Product advantages of H series LED street lights:

Power from 50W to 240W
System lumen efficacy up to **115 lm/w**

Philips Lumileds Luxeon 3030 chips

Meanwell HLG series Driver
75,000 hours under L70 standard, LM80 & TM21

10kv/6kv Surge Protection Device
CE, ROHS , FCC listed
IP66 IK10 Rated



Parameters of H5-series LED street lights:

Product	H	H	H	H	H
Nominal Wattage	50w	100w	150w	200w	240w
LED Current	125mA	130mA	130mA	130mA	130mA
Number of Modules	1	2	3	4	5
Input Voltage	AC100-277V	AC100-277V	AC100-277V	AC100-277V	AC100-277V
Dimming	0-10v	0-10v,PWM,Timer	0-10v,PWM,Timer	0-10v,PWM,Timer	0-10v,PWM,Timer
Operating Temperature	-40~+50	-40~+50	-40~+50	-40~+50	-40~+50
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
THD	<20%	<20%	<20%	<20%	<20%
Lumens output	5750lm	11500lm	17250lm	23000lm	27600
Luminaire efficacy	115lm/w	115lm/w	115lm/w	115lm/w	115lm/w
CRI	>70	>70	>70	>70	>70
CCT	3000-5700K	3000-5700K	3000-5700K	3000-5700K	3000-5700K
Rating	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10
Lifetime	>75,000h	>75,000h	>75,000h	>75,000h	>75,000h

SPARKOE®

LED Corn Lamp Datasheet



CS-ACL



Waterproof Design IP65



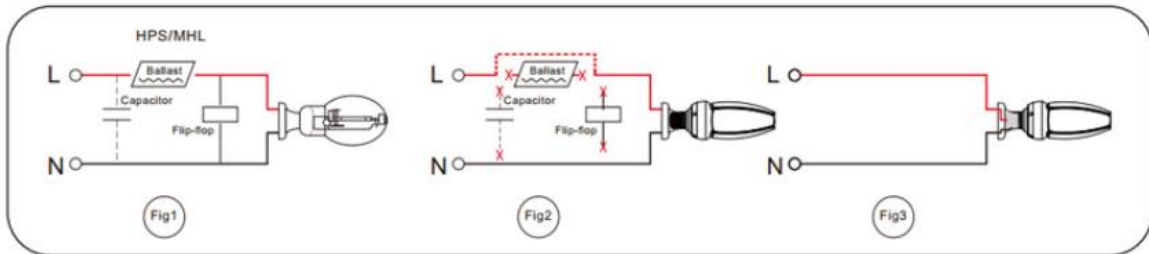
Product Specifications	
Product Type	LED Corn Light
Model	CS - ACL
Housing	Polycarbonate & Aluminum
Color	Black & White & Gray
Technical Parameters	
Input Voltage	AC 100 – 240 V
Input Frequency	50/60 Hz
Base	E27/E40
Power Factor	0.9
Ingress Protection Rating	IP 65
Efficacy	>130 lm/W
CCT	2700 - 6500 K
CRI	>80
Viewing Angle	360°
Working Temperature	-20°C - +40°C
Lifespan	
>50.000 hours	
Warranty	
5 years	

Technical Specifications based on LM79 Test Reports

CS - ACL - 9W		CS - ACL - 14W	
			
Lumen Output	1249.78 lm	Lumen Output	1953.01 lm
Power	9.6 W	Power	14.41 W
CCT	4116 K	CCT	4092 K
LED chip / Quantity	Jufei SMD 2835 / 80	LED chip / Quantity	Jufei SMD 2835 / 144
Dimensions	70*70*193 mm	Dimensions	70*70*193 mm
CS - ACL - 27W		CS - ACL - 36W	
			
Lumen Output	3614.52 lm	Lumen Output	4830.13 lm
Power	27.35 W	Power	36.26 W
CCT	4077 K	CCT	4072 K
LED chip / Quantity	Hongli SMD 5730 / 96	LED chip / Quantity	Hongli SMD 5730 / 132
Dimensions	93*93*267 mm	Dimensions	93*93*267 mm
CS - ACL - 45W		CS - ACL - 70W	
			
Lumen Output	6038.99 lm	Lumen Output	9841.43 lm
Power	45.08 W	Power	73.72 W
CCT	4060 K	CCT	4074 K
LED chip / Quantity	Hongli SMD 5730 / 168	LED chip / Quantity	Hongli SMD 5730 / 252
Dimensions	93*93*267 mm	Dimensions	160*160*352 mm

Installation Instructions

1. Turn off the power switch
2. Remove old ballast or disconnect from existing lamp holder.
3. Reconnect directly to the existing lamp holder
4. Install new LED replacement lamp.



Packing Specifications

Power	Box Size	Box Weight	Weight per CTN	CTN size	Qty per Box
9 W	225*95*95	0.35 kg	9.6 kg	460*300*430	24 pcs
14 W	225*95*95	0.35 kg	9.6 kg	460*300*430	24 pcs
27 W	305*120*120	0.9 kg	19.5 kg	620*380*380	18 pcs
36 W	305*120*120	0.9 kg	19.5 kg	620*380*380	18 pcs
45 W	305*120*120	0.9 kg	19.5 kg	620*380*380	18 pcs
70 W	400*170*170	2.8 kg	36 kg	810*520*350	12 pcs

