

# Commercial LED Street Lights

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**5** YEAR  
WARRANTY



## Areas of application

- Local roads
- Express roads
- Town roads
- Residential area roads
- Pedestrian crossings
- Parking areas

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## Product Benefits

- 70% energy saving, short ROI period
- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Support horizontal and vertical mounted, suitable for different light poles
- Tool-less opening of driver box, ease of maintenance
- 5 years warranty

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## Product Features

- Luminaire efficacy: Up to 170 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK10
- Type of protection: IP66



## Product Datasheet

### Power : 20W-60W

Model No		ENSL-20W-MW+	ENSL-40W-MW+	ENSL-60W-MW
Nominal Wattage		20W	40W	60W
Regular Version	Efficiency Lumen	165 lm /w 3300 lm	160 lm /w 6400 lm	150 lm /w 9000 lm
High Efficiency	Efficiency Lumen	170 lm /w 3400 lm	165 lm /w 6600 lm	160 lm /w 9600 lm

### Power: 80W-120W

Model No		ENSL-80W-MW+	ENSL-100W-MW	ENSL-120W-MW
Nominal Wattage		80W	100W	120W
Regular Version	Efficiency Lumen	160 lm /w 12800 lm	155lm /w 15500 lm	155 lm /w 18600 lm
High Efficiency	Efficiency Lumen	170 lm /w 13600 lm	165 lm /w 16500 lm	160 lm /w 19200 lm

### Power: 150W-240W

Model No		ENSL-150W-MW+	ENSL-180W-MW	ENSL-200W-MW	ENSL-240W-MW
Nominal Wattage		150W	180W	200W	240W
Regular Version	Efficiency Lumen	160 lm /w 24000 lm	150 lm /w 27000 lm	150 lm /w 30000 lm	150 lm /w 36000 lm
High Efficiency	Efficiency Lumen	165 lm /w 24750 lm	160 lm /w 28800 lm	160 lm /w 32000 lm	160 lm /w 38400 lm

\*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

\*Values shown are subject to ±5% tolerance.

### Electrical Data:

Nominal Voltage	AC 100-240V /277V   50 /60Hz
LED	Philips Lumileds
Driver	Inventronics /Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Default) / 20KV (available on request)
Optics	Type II, Type III
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) / Ra>80
CCT	3000K, 4000K, 5000K, 5700K

### General Data

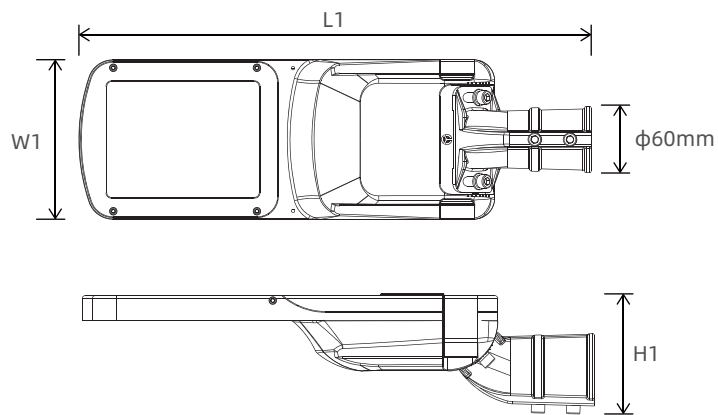
Body Material	High pressure die-cast aluminum
Housing Color	Gray (Default) /Black (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Side entry or Vertical pole mounted
Dimmable	1-10V Dimming (Default) /Timer Dimming
Protection Class	Class I (Default) /Class II
Standards	CE, RoHS, ENEC, CB, LM79, LM80, TM-21, IP66, IK10
Available on request	NEMA socket (3/5/7pins), ZHAGA socket, Short cap, Photocell, Motion sensor, Knife switch, NTC, OLC, Solar Compatible, DALI Dimming

Product Datasheet

Structure Drawing:



Dimension:

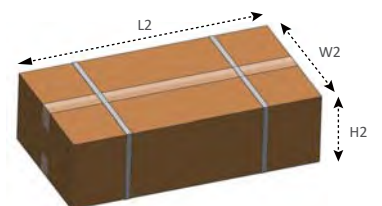


Fixture Information

Power	L1 xW1 xH1	Weight
20W-60W	610 x190 x143mm	4.7kg
80W-120W	660 x240 x143mm	5.8kg
150W-240W	762 x290 x143mm	8.1kg

Package Information

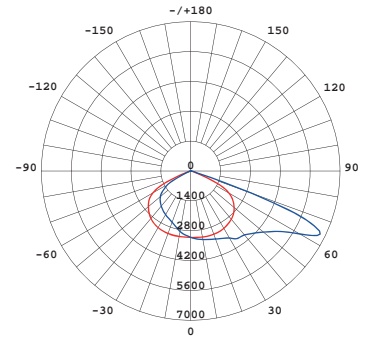
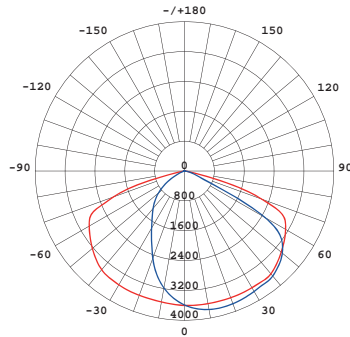
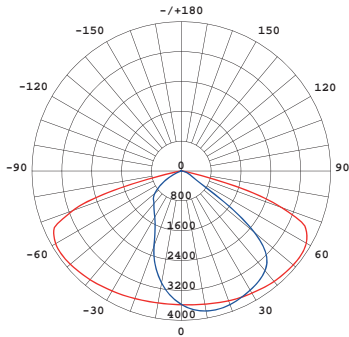
Power	L2 xW2 xH2	Weight
20W-60W	545 x240 x165mm	5.2kg
80W-120W	600 x295 x165mm	6.4kg
150W-240W	705 x345 x165mm	8.8kg



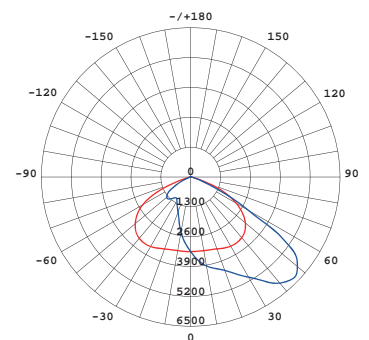
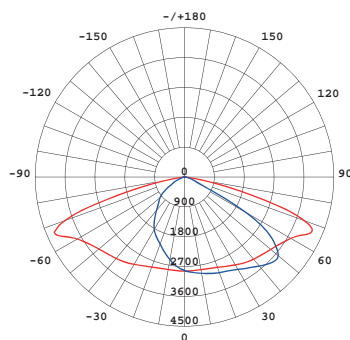
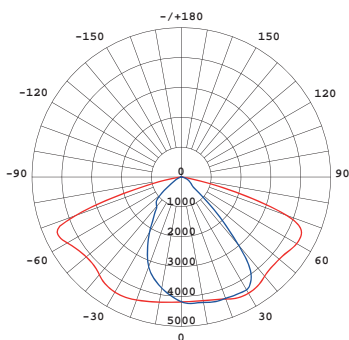
Product Datasheet

Light Distributions

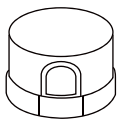
Regular Version



High Efficiency



Optional accessories



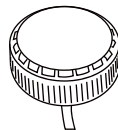
Photocell



Shorting Cap



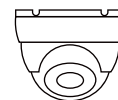
NEMA Socket  
(3 / 5 / 7pin)



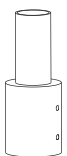
Motion Sensor



Smart Controller



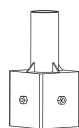
Camera



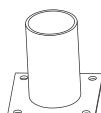
"80-60mm"



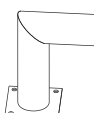
"60-40mm"



Square to round



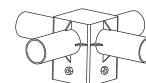
"T" Type



"L" Type



"2" in "1"



"4" in "1"