

SERIES-K LED Street Light



5 YEAR
WARRANTY

Areas of application

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



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

Product Features

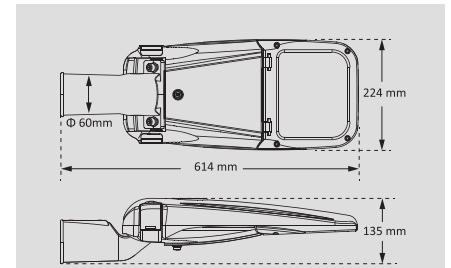
- Luminaire efficacy: Up to 150 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK08 /IK10
- Type of protection: IP66



Product Datasheet

Version S

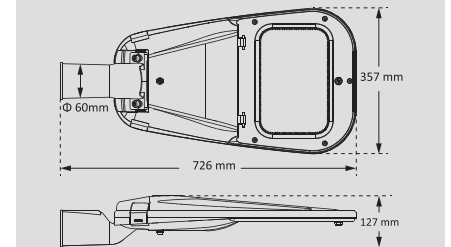
Model No		ZGSM-LD25KS	ZGSM-LD35KS	ZGSM-LD55KS
Nominal Wattage		25W	35W	55W
3030 Version	Efficiency Lumen	125 lm /w 3125 lm	125 lm /w 4375 lm	125 lm /w 6875 lm
5050 Version	Efficiency Lumen	145 lm /w 3625 lm	145 lm /w 5075 lm	145 lm /w 7975 lm
Net Weight (Kgs)		5.8	5.9	6.0
Packing Size (mm)		670 x310 x170	670 x310 x170	670 x310 x170
Gross Weight (Kgs)		6.8	6.9	7.0



Version S

Version M

Model No		ZGSM-LD60KM	ZGSM-LD90KM	ZGSM-LD120KM
Nominal Wattage		60W	90W	120W
3030 Version	Efficiency Lumen	130 lm /w 7800 lm	130 lm /w 11700 lm	130 lm /w 15600 lm
5050 Version	Efficiency Lumen	150 lm /w 9000 lm	150 lm /w 13500 lm	150 lm /w 18000 lm
Net Weight (Kgs)		7.8	8.1	8.2
Packing Size (mm)		785 x410 x160	785 x410 x160	785 x410 x160
Gross Weight (Kgs)		9.5	10.1	10.2



Version M

*Above values are calculated based on the product with CCT over 3000K, and values of 3000K are 5% lower than above values.
 *Values shown are subject to ±5% tolerance.

Electrical Data:

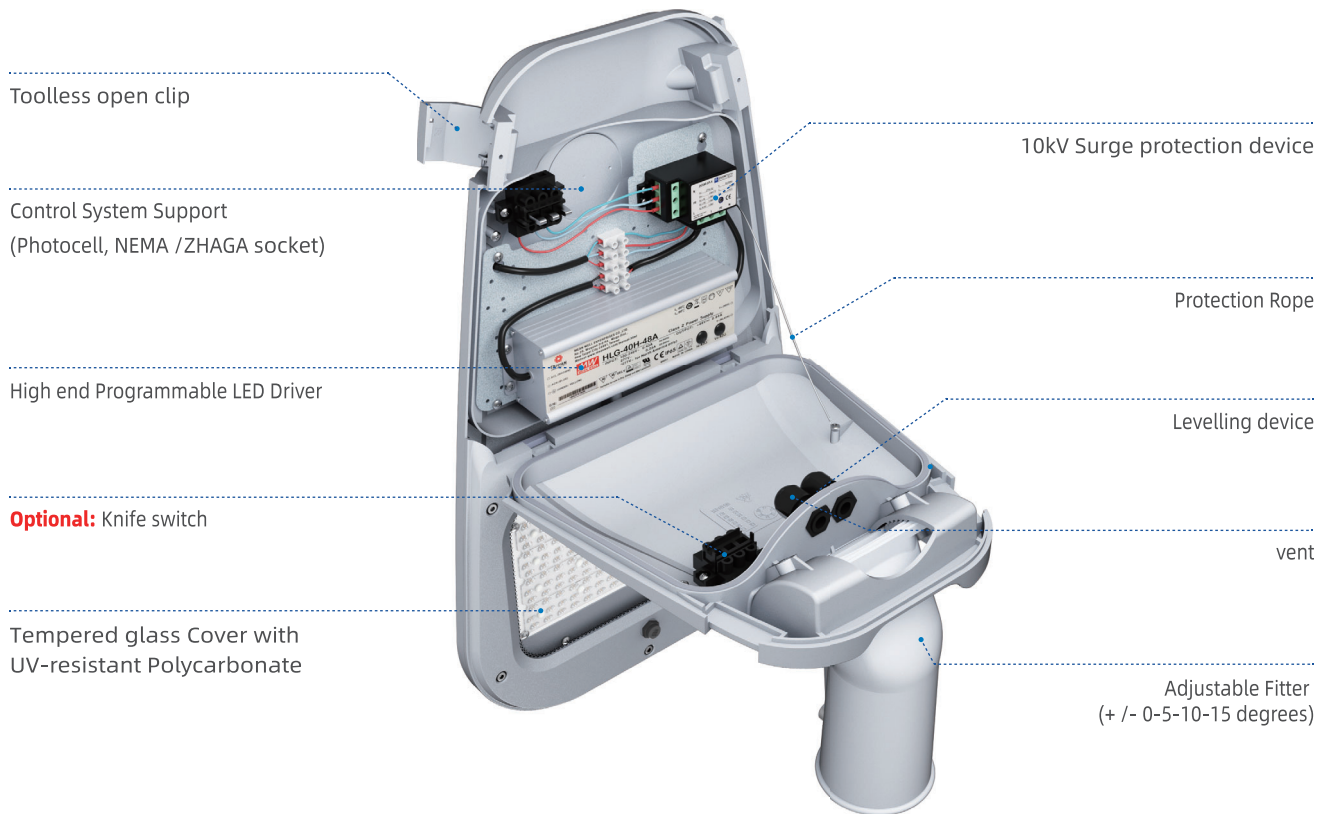
Nominal Voltage	AC 100-240V /277V 50 /60Hz
LED	Lumileds
Driver	Inventronics /Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Default) / 20KV (available on request)
Optics	Type I, Type II, Type III, Type V,
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) / Ra>80
CCT	1800K, 2200K, 2700K, 3000K, 4000K, 5000K, 5700K, 6500K

General Data

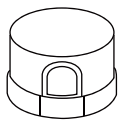
Body Material	High pressure die-cast aluminum
Housing Color	Deep gray /Light gray /Other Colors on request
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Side entry or Vertical pole mounted
Dimmable	1-10V (Default) /Timer Dimming /DALI Dimming
Protection Class	Class I (Default) /Class II
Certifications & Standards	CE, RoHS, ENEC , CB, LM79, LM80, TM-21, IEC62471, IEC60068-2-6, IEC61643-11, Zhaga-D4i
Available on request	NEMA socket (3/5/7pins), ZHAGA socket, Short cap, Photocell, Motion sensor, NTC, OLC, Solar Compatible, Smart Controller

Product Datasheet

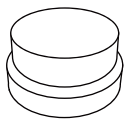
Structure Drawing:



Optional accessories



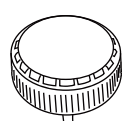
Photocell



Shorting Cap



NEMA Socket
(3 /5 /7pin)



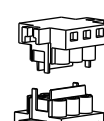
Motion Sensor



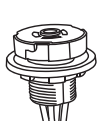
Smart Controller



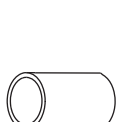
Camera



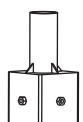
Knife switch



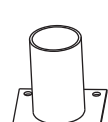
ZHAGA Socket



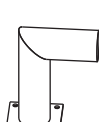
"60-40mm"



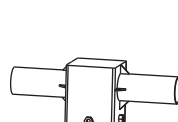
Square to round



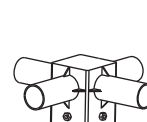
"T" Type



"L" Type



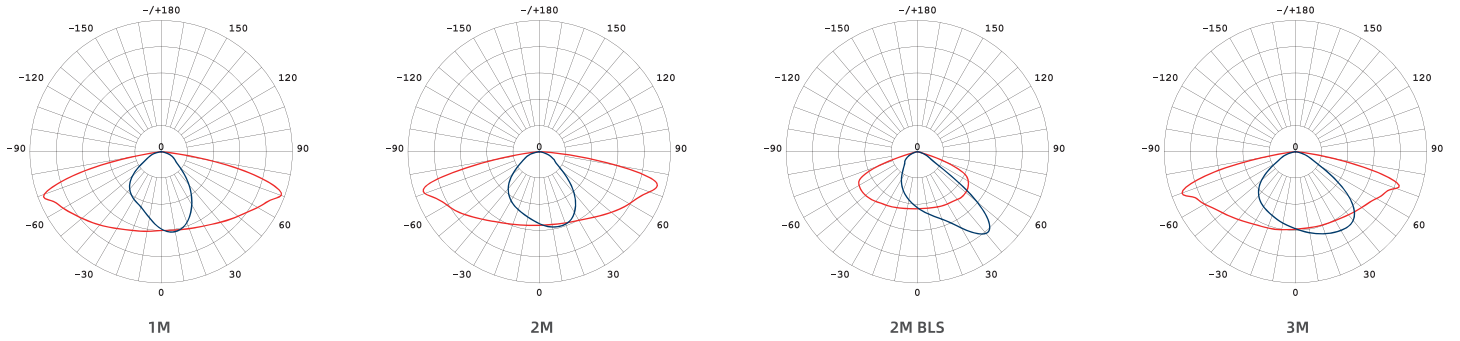
"2" in "1"



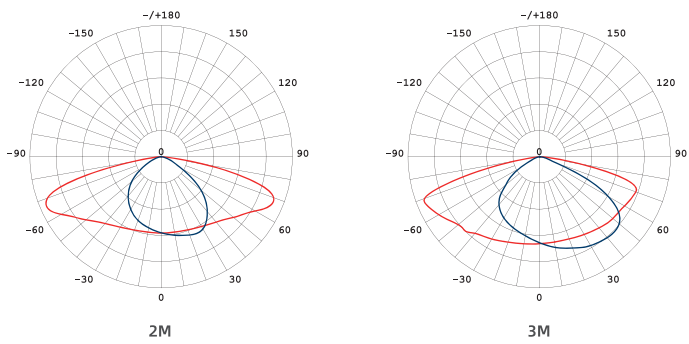
"4" in "1"

Product Datasheet

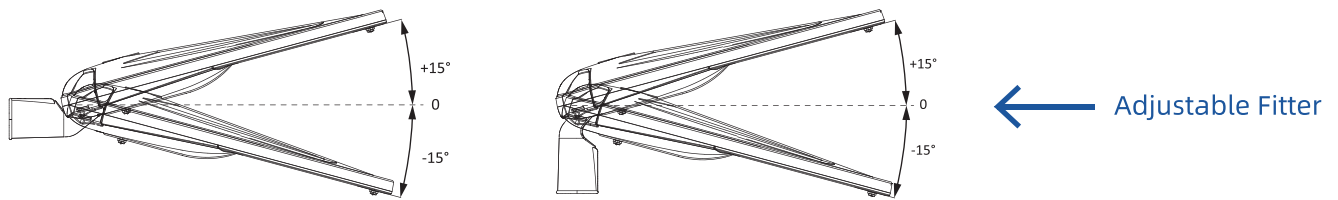
Light Distributions
3030 Version



5050 Version



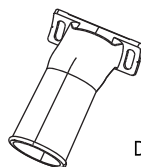
Flexible Fitter



Horizontal Installation
±0-5-10-15°

Vertical Installation
±0-5-10-15°

Two Sizes Fitter →



Diameter: 50mm/1.97"



Diameter: 60mm/2.36"