

RIFLE

LED Street Light



5 YEAR
WARRANTY

Areas of application

- Local 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 191 lm /w
- Lifetime more than 100, 000 hours
- Impact resistance: IK08 /IK10
- Type of protection: IP66



Product Datasheet

Version S

Model No		ZGSM-ST17-20S	ZGSM-ST17-20S+	ZGSM-ST17-40S	ZGSM-ST17-40S+	ZGSM-ST17-60S	ZGSM-ST17-80S
Nominal Wattage		20W	20W	40W	40W	60W	80W
3030 Version	Efficiency Lumen	155 lm /w 3100 lm	165 lm /w 3300 lm	150 lm /w 6000 lm	160 lm /w 6400 lm	150 lm /w 9000 lm	140 lm /w 11200 lm
5050 Version	Efficiency Lumen	160 lm /w 3200 lm	170 lm /w 3400 lm	160 lm /w 6400 lm	165 lm /w 6600 lm	160 lm /w 9600 lm	155 lm /w 12400 lm
Ultra Version	Efficiency Lumen	171 lm /w 3420 lm	182 lm /w 3640 lm	176 lm /w 7040 lm	184 lm /w 7360 lm	176 lm /w 10560 lm	170 lm /w 13600 lm

Version M

Model No		ZGSM-ST17-80M	ZGSM-ST17-80M+	ZGSM-ST17-100M	ZGSM-ST17-120M	ZGSM-ST17-150M
Nominal Wattage		80W	80W	100W	120W	150W
3030 Version	Efficiency Lumen	150 lm /w 12000 lm	160 lm /w 12800 lm	155lm /w 15500 lm	155 lm /w 18600 lm	145 lm /w 21750 lm
5050 Version	Efficiency Lumen	160 lm /w 12800 lm	170 lm /w 13600 lm	165 lm /w 16500 lm	160 lm /w 19200 lm	155 lm /w 23250 lm
Ultra Version	Efficiency Lumen	180 lm /w 14400 lm	186 lm /w 14880 lm	181 lm /w 18100 lm	180 lm /w 21600 lm	174 lm /w 26100 lm

Version L

Model No		ZGSM-ST17-150L	ZGSM-ST17-150L+	ZGSM-ST17-180L	ZGSM-ST17-200L	ZGSM-ST17-240L
Nominal Wattage		150W	150W	180W	200W	240W
3030 Version	Efficiency Lumen	150 lm /w 22500 lm	160 lm /w 24000 lm	150 lm /w 27000 lm	150 lm /w 30000 lm	150 lm /w 36000 lm
5050 Version	Efficiency Lumen	155 lm /w 23250 lm	165 lm /w 24750 lm	160 lm /w 28800 lm	160 lm /w 32000 lm	160 lm /w 38400 lm
Ultra Version	Efficiency Lumen	183 lm /w 27450lm	191 lm /w 28650 lm	182 lm /w 32760 lm	179 lm /w 35800 lm	176 lm /w 42240 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	Lumileds / Other brands on request
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, Asymmetric for pedestrian crossings
CRI	Ra>70 (Default) / Ra>80
CCT	1800K, 2200K, 2700K, 3000K, 4000K, 5000K, 5700K, 6500K

General Data

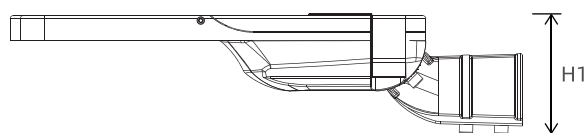
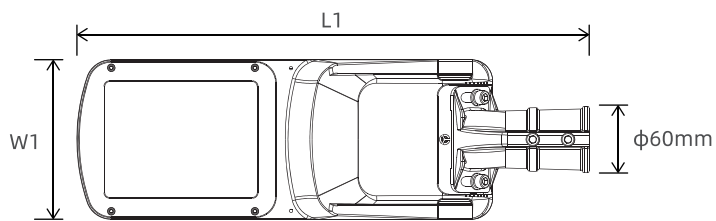
Material	High pressure die-cast aluminum, Tempered glass, UV-resistant polycarbonate
Housing Color	Gray (Default) / Other Colors on request
Working Environment	-40°C ~ +50°C, 10% ~ 90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Side entry or Vertical pole mounted
Dimmable	1-10V Dimming (Default)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

Product Datasheet

Structure Drawing:



Dimension:

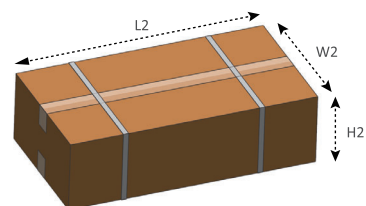
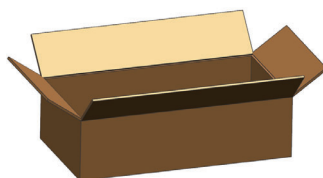


Fixture Information

Version	L1 xW1 xH1	Weight
S	610 x190 x143mm	4.7kg
M	660 x240 x143mm	5.8kg
L	762 x290 x143mm	8.1kg

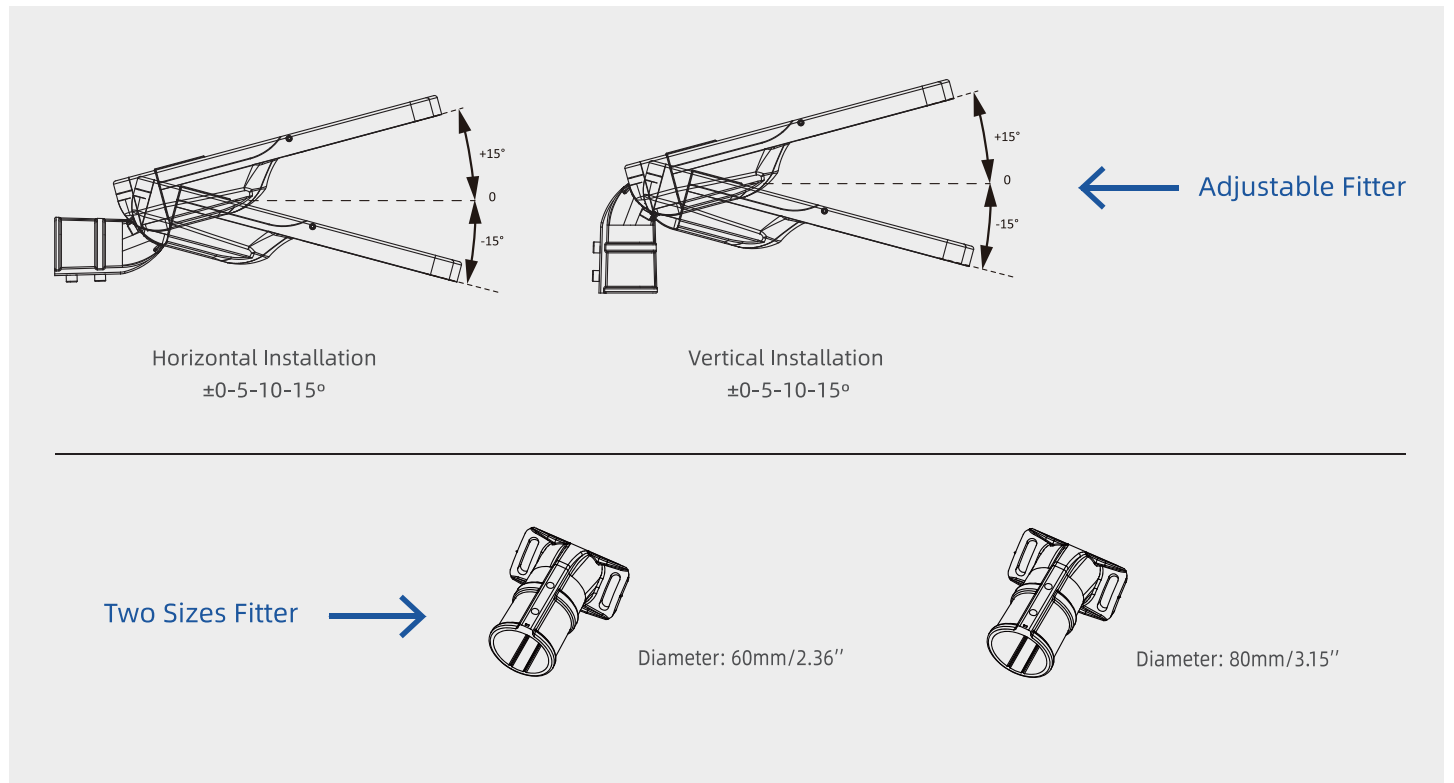
Package Information

Version	L2 xW2 xH2	Weight
S	545 x240 x175mm	5.2kg
M	600 x295 x175mm	6.4kg
L	705 x345 x175mm	8.8kg

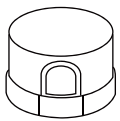


Product Datasheet

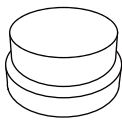
Flexible Fitter



Optional accessories



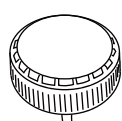
Photocell



Shorting Cap



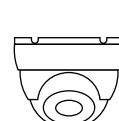
NEMA Socket
(3 / 5 / 7 pin)



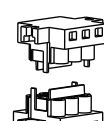
Motion Sensor



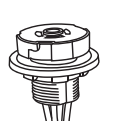
Smart Controller



Camera



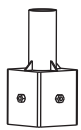
Knife switch



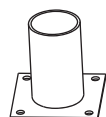
ZHAGA Socket



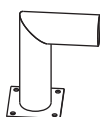
"60-40mm"



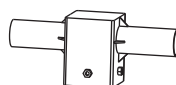
Square to round



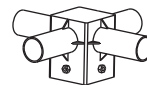
"T" Type



"L" Type



"2" in "1"



"4" in "1"

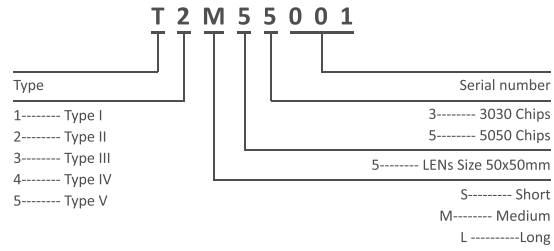


80mm fitter

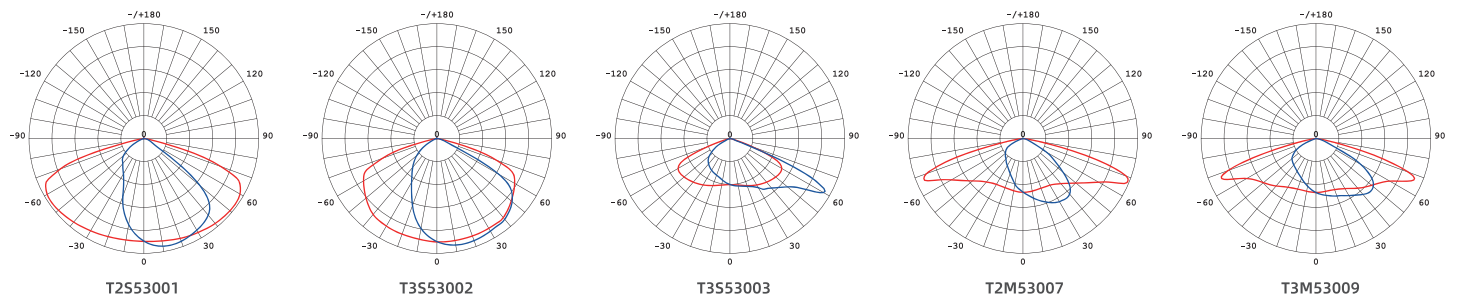
Product Datasheet

Light Distributions

Order reference



3030 Version



5050 Version

