

FALCON 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

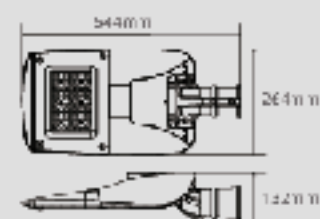
- Luminaire efficacy: Up to 195 lm /w
- Lifetime more than 100,000 hours
- Impact resistance: IK09 /IK10
- Type of protection: IP66



Product Datasheet

Version S

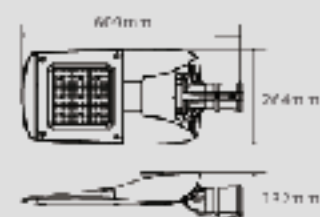
Model No	2070M-5T19-100	2070M-5T19-160	2070M-5T19-180	2070M-5T19-600
Nominal Wattage	10W	16W	18W	60W
2070 version	Efficiency Lumen	150 lm/w 4500 lm	155 lm/w 4650 lm	150 lm/w 4500 lm
3050 version	Efficiency Lumen	160 lm/w 4800 lm	165 lm/w 4950 lm	165 lm/w 4950 lm
Ultra Version	Efficiency Lumen	170 lm/w 5100 lm	183 lm/w 5490 lm	176 lm/w 5280 lm
Net Weight (kg)	4.0	4.0	4.0	4.0
Packing Size (mm)	480 x 310 x 175	480 x 310 x 175	480 x 310 x 175	480 x 310 x 175
Gross Weight (kg)	4.7	4.7	4.7	4.7



Version S

Version M

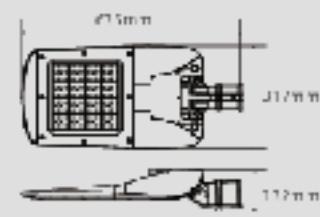
Model No		Z65M-5T19-100M	Z65M-5T19-160M
Nominal Wattage		60W	100W
2070 version	Efficiency Lumen	150 lm/w 4500 lm	145 lm/w 4350 lm
3050 version	Efficiency Lumen	160 lm/w 4800 lm	160 lm/w 4800 lm
Ultra version	Efficiency Lumen	176 lm/w 5280 lm	170 lm/w 5100 lm
Net Weight (kg)		4.4	4.4
Packing Size (mm)		545 x 310 x 175	545 x 310 x 175
Gross Weight (kg)		5.0	5.0



Version M

Version L

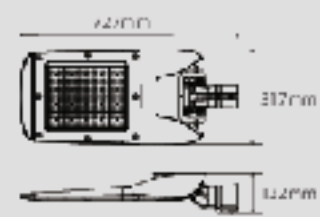
Model No	Z65M-5T19-100L	Z65M-5T19-160L	Z65M-5T19-180L	Z65M-5T19-150L
Nominal Wattage	100W	160W	180W	150W
1070 version	Efficiency Lumen	160 lm/w 16000 lm	167 lm/w 16200 lm	157 lm/w 15600 lm
2070 version	Efficiency Lumen	165 lm/w 16500 lm	168 lm/w 16800 lm	165 lm/w 16500 lm
Ultra Version	Efficiency Lumen	192 lm/w 19200 lm	195 lm/w 19500 lm	184 lm/w 18400 lm
Net Weight (kg)	6.0	6.0	6.0	6.0
Packing Size (mm)	610 x 365 x 175	610 x 365 x 175	610 x 365 x 175	610 x 365 x 175
Gross Weight (kg)	6.7	6.7	6.7	6.7



Version L

Version XL

Model No		2070M-5T19-150XL	2070M-5T19-180XL	2070M-5T19-200XL
Nominal Wattage		150W	180W	200W
2070 version	Efficiency Lumen	160 lm/w 24000 lm	150 lm/w 27000 lm	150 lm/w 30000 lm
3050 Version	Efficiency Lumen	170 lm/w 25500 lm	180 lm/w 27000 lm	180 lm/w 27000 lm
Ultra Version	Efficiency Lumen	180 lm/w 27000 lm	177 lm/w 25000 lm	170 lm/w 25000 lm
Net Weight (kg)		6.8	6.8	6.8
Packing Size (mm)		665 x365x175	665 x365x175	665 x365x175
Gross Weight (kg)		7.6	7.6	7.6



Version XL

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.
 *Actual values are subject to 5% tolerance.
 *Model No with "T" is ultra high efficiency version.

Product Datasheet

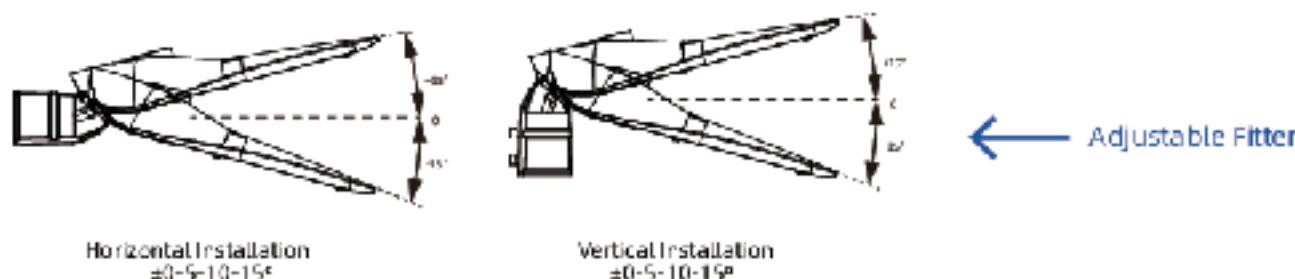
Electrical Data :

Nominal Voltage	AC 110V-240V / 220V / 50-60Hz
LED	Dimmable / Other available on request
Driver	meanwell / Other available on request
Power Factor (PF)	>0.95
THD	<15
SPD	100V (Default) / 200V (available on request)
Optics	Type I, Type II, Asymmetric for pedestrian crossings
CR	Ra>70 (Default) / Ra>80
CCT	1800K, 2700K, 3000K, 4000K, 4800K, 5000K, 5600K, 6000K

General Data

Body Material	High pressure die-cast aluminum
Housing Color	Gray-PA-9007 (Default) / Other Colors on request
Cover Material	tempered glass
Lens Material	UV-resistan Polycarbonate
Working Environment	-40°C ~ +60°C, 10% ~ 90%RH
Life span (L70 at 25 °C)	>100,000 h
Mounting type	side entry drive vertical pole mounted
Dimmable	1-10V Dimming (Default) / Triac Dimming / DALI Dimming
Protection Class	Class I (Default) / Class II
Certifications & standards	UL: ENEC, ENEC, CE: LVD, EMC, IEC62471, IEC62470, IEC60598-2-1, IEC60598-1, Zhaga-D4i
Available on request:	NEHA socket (3/5/7 pins), 2-4/6A socket, Short-circ, Freeze I, Motion sensor, Knife switch, YTC, DLC, Solar Compatible, Smart Controller

Flexible Fitter



Two Sizes Fitter



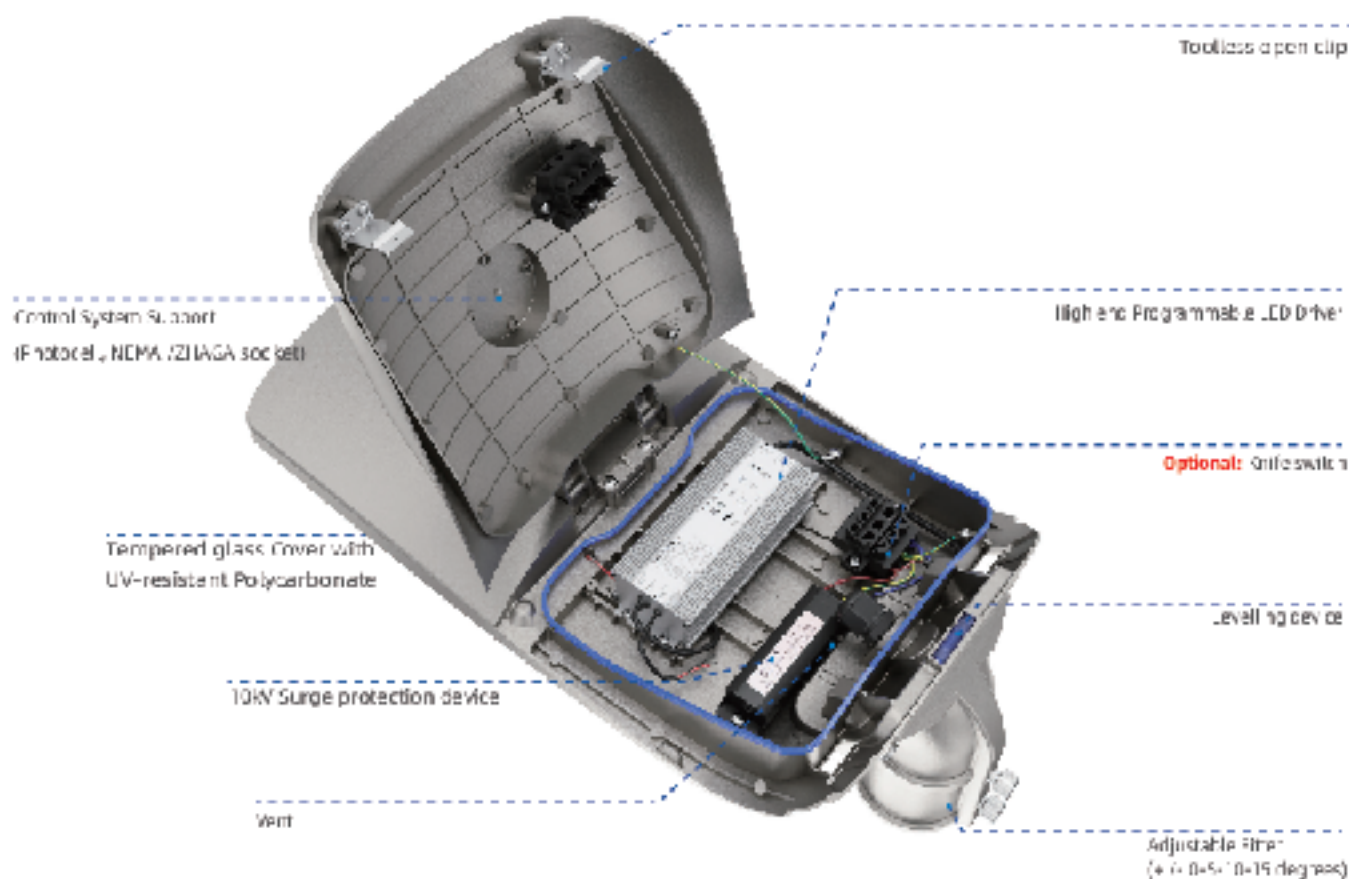
Diameter: 60mm/2.36"



Diameter: 80mm/3.15"

Product Datasheet

Structure Drawing:



Optional accessories



Photocell



Shorting Cap



NEMA Socket
(3 /5 /7pin)



Motion Sensor



Smart Controller



Knife switch



ZHAGA Socket



"50-40mm"



Square to round



"T" type



"L" type



"2" in "1"



"4" in "1"

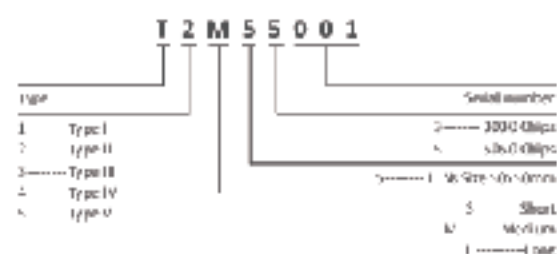


80 mm filter

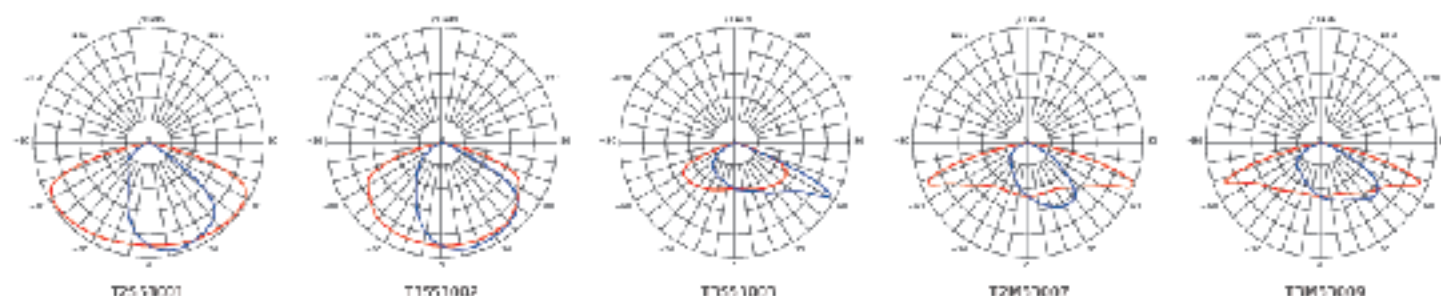
Product Datasheet

Light Distributions

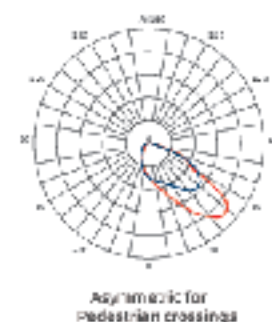
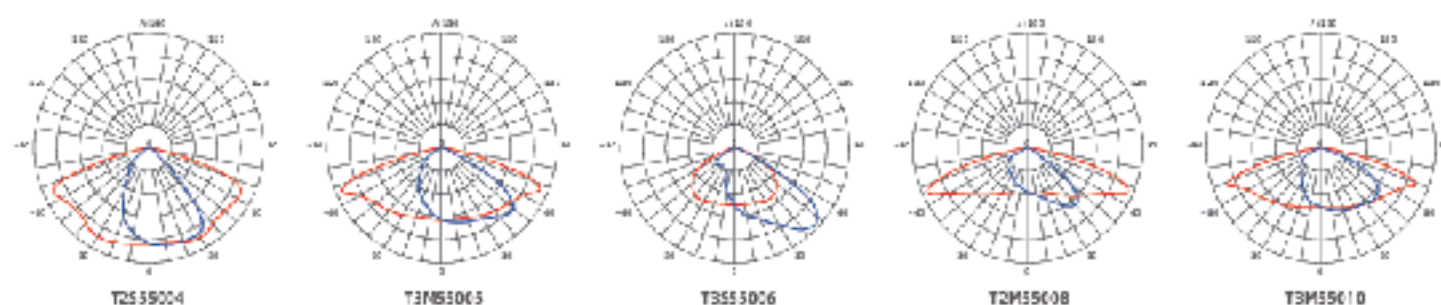
Order reference



3030 Version



5050 Version



Packaging

