



Tiger LED Street/Area Light

150W 180W 210W 240W 300W

150W - 300W fittings are special order items

Class-leading performance - **now 120 lm/W**
 Highest quality components
 Built for ultra-dependable performance.



▲ Pictured: 240W fitting

Class-leading light output

Super-efficient 120+ lumens/watt
 18,980 lumens (150W) - 37,695 lumens (300W)
 Batwing lenses are standard
 Range of other lens options available on special order.

Premium components for ultimate reliability

Top performance Cree XPG2 LEDs & renowned Xitanium driver
 10KV surge protection
 50,000+ hours life, 5 year warranty.

Compact modular design

Lower cost of manufacture from economies of scale
 Efficient heat management dimensions.

Robust, glass-free construction

IP67 rating for dust and water exposure
 IK08 rating for impact & vandal resistance
 Polyester-coated aluminium casing
 Stainless steel fascia on modules (304 grade)
 Polycarbonate optical lenses.

Applications

- Street lighting and area lighting
- Private roads, rail networks, hospitals, university grounds, shopping centres
- Car parks, forecourts & plaza areas.



Fully tested and certified

IES files & photometric profiles available.
 TUV reports available for following standards:

IEC/EN 60598-1: 2008	IEC/EN 60598-2-3/A1: 2011
EN 62493:2010	IEC62471: 2008
IEC62471-2:2009	EN 55015: 2013
EN61547:2009	EN61000-3-2/A2:2009
EN 61000-3-3:2013	(EU) 1194/2012:2012-12-12
(EC) 244/2009:2009-03-18	

ENEC: No.: U6140888771007
CB: No.: SG-LE-0095

Ik08 rating, 3G vibration, 1000 hours salt mist test reports furnished upon request.



Practical installer-friendly design



- Easy to open for quick installation.
- One 6mm allen key fits all bolts. Bolts cannot fall to ground.
- Fittings contain built-in spirit levels to simplify installation.
- WAGO press-release connectors present for quick and easy installation.



- Spigot is assembled for a horizontal tenon mount. Reverse the spigot assembly for vertical pole mount.
- Spigot is adjustable -20° to +20° from the horizontal or vertical position to allow for tilting if required.

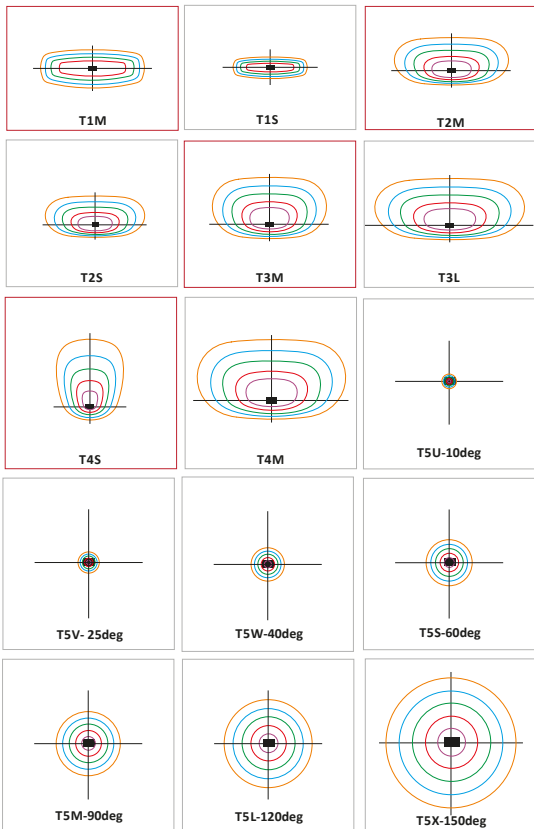


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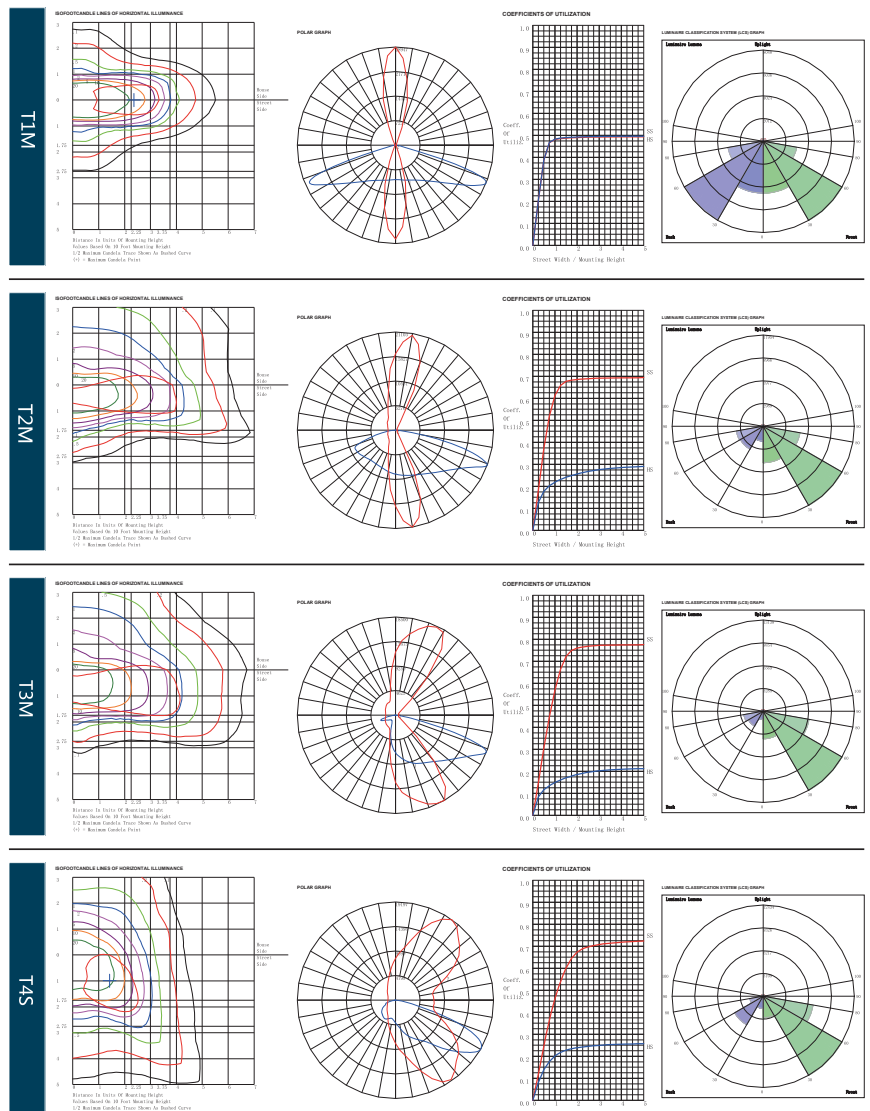
Special order items. Allow 7-8 weeks.
270W fittings also available.

Photometrics - lens options



PLEASE NOTE:
These sizes of streetlights are generally special order items and require 7-8 weeks for assembly & shipping.

Photometrics for most frequently specified lenses (based on 240W model)



Technical parameters

	150W	180W	210W	240W	300W
Power consumption: System	152W	183W	212W	239W	304W
Comparable HID fitting	400+W	500W	600W	700W	To 1000W
Input voltage & frequency	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz
Input current / Power factor	530mA / ≥ 0.95	530mA / ≥ 0.95	530mA / ≥ 0.95	530mA / ≥ 0.95	530mA / ≥ 0.95
LED chips / driver	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium
Luminous Flux / efficiency	18,980 lm / 120 lm/W	22,260 lm / 120 lm/W	26,730 lm / 120 lm/W	29,700 lm / 120 lm/W	37,695 lm / 120 lm/W
Colour temperature / CRI	5,000K / Ra>70	5,000K / Ra>70	5,000K / Ra>70	5,000K / Ra>70	5,000K / Ra>70
Light distribution	IESNA Type II Medium	IESNA Type II Medium	IESNA Type II Medium	IESNA Type II Medium	IESNA Type II Medium
IP Rating / Working temperature	IP67 / -50 ~ +60°C	IP67 / -50 ~ +60°C	IP67 / -50 ~ +60°C	IP67 / -50 ~ +60°C	IP67 / -50 ~ +60°C
Service life	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
- Housing/heatsink	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
- Protective coating on housing	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)
- Front fascia on modules	Stainless Steel (304)	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Spigot - Inner Diameter / Length	62 mm ID / 120mm L	62 mm ID / 120mm L	62 mm ID / 120mm L	62 mm ID / 120mm L	62 mm ID / 120mm L
Pole-arm/horiz tenon Outer Diam	42-60mm OD	42-60mm OD	42-60mm OD	42-60mm OD	42-60mm OD
Weight / Dimensions LxWxDmm	9.5kg / 703x345x117mm	10.8kg / 763x345x117mm	11.5kg / 823x345x117mm	12.5kg / 943x345x117mm	13.9kg / 1003x345x117mm
Product order code	SA150	SA180	SA210	SA240	SA300