



Tiger LED Street/Area Light

150W 180W 210W 240W 300W

150W - 300W fittings are special order items

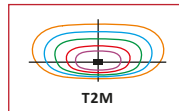
Class-leading performance - **now 140 lm/W**
 Highest quality components
 Built for ultra-dependable performance.



▲ Pictured: 240W fitting

Class-leading light output

Super-efficient 140 lumens/watt
 20,670 lumens (150W) - 41,780 lumens (300W)
 Batwing lenses (T2M) are standard
 Range of other lens options available
 on special order for other applications
 (eg T3M, T4S for area lighting).



Premium components for ultimate reliability

Top performance Cree XPG3 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.

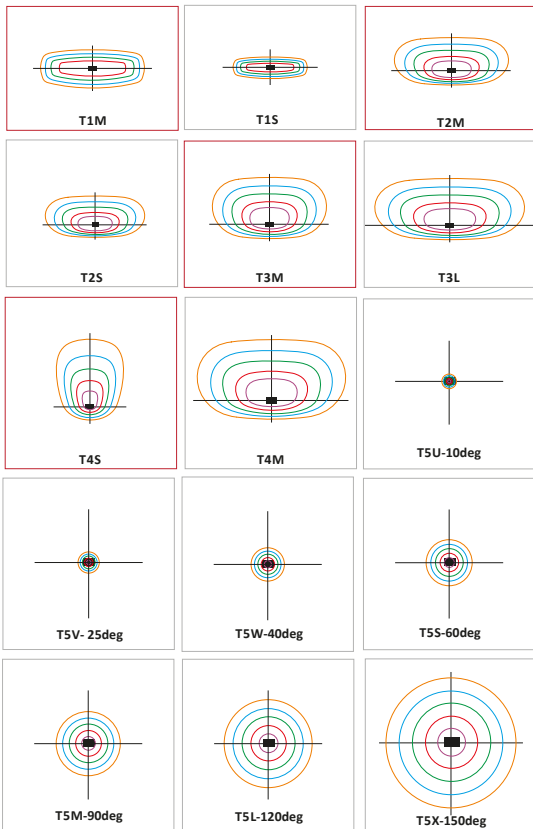


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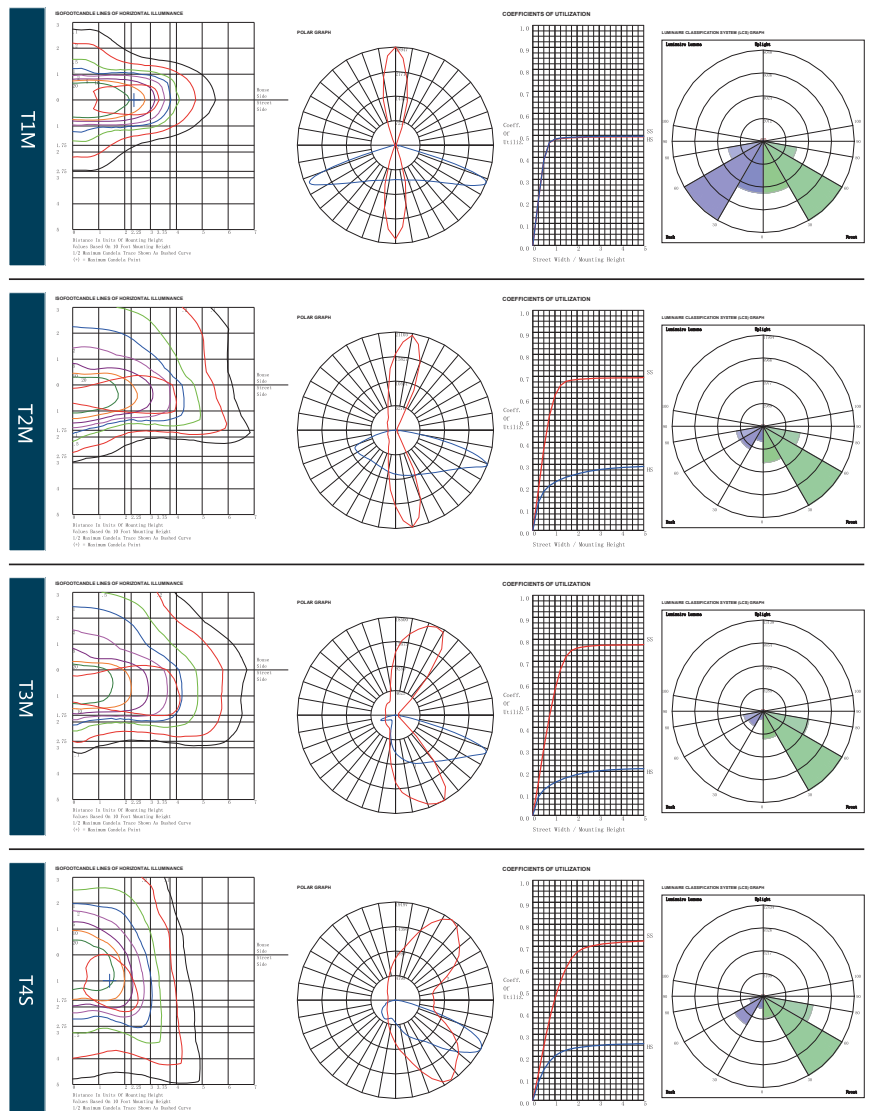
Special order items. Allow 7-8 weeks.
270W fittings also available.

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 XPG3 / Xitanium	Cree XPG3 / Xitanium	Cree XPG3 / Xitanium	Cree XPG3 / Xitanium
Luminous Flux / efficiency	20,670 lm / 140 lm/W	24,900 lm / 140 lm/W	29,600 lm / 140 lm/W	33,060 lm / 140 lm/W	41,780 lm / 140 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