



# Tiger LED Street/Area Light

150W 180W 210W 240W 300W

150W - 300W fittings are special order items

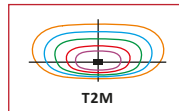
Class-leading performance - **now 140 lm/W**  
 Highest quality components  
 Built for ultra-dependable performance.



▲ 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

High performance 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.

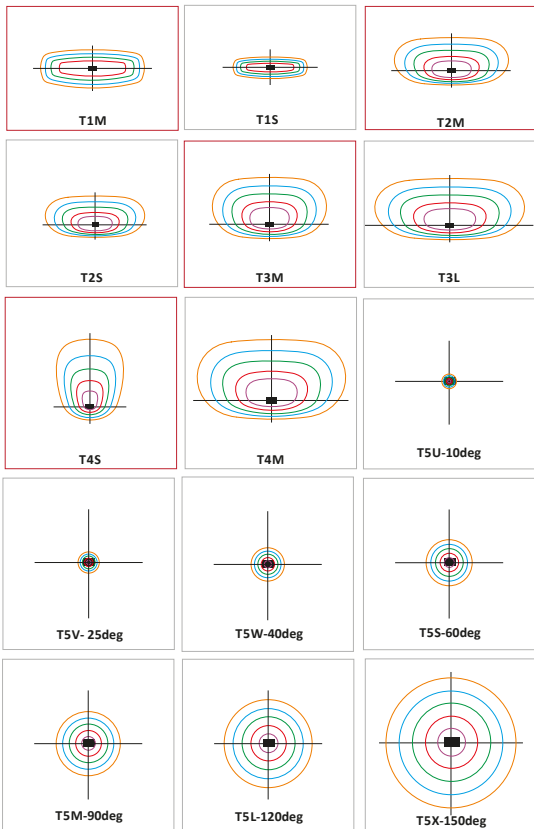


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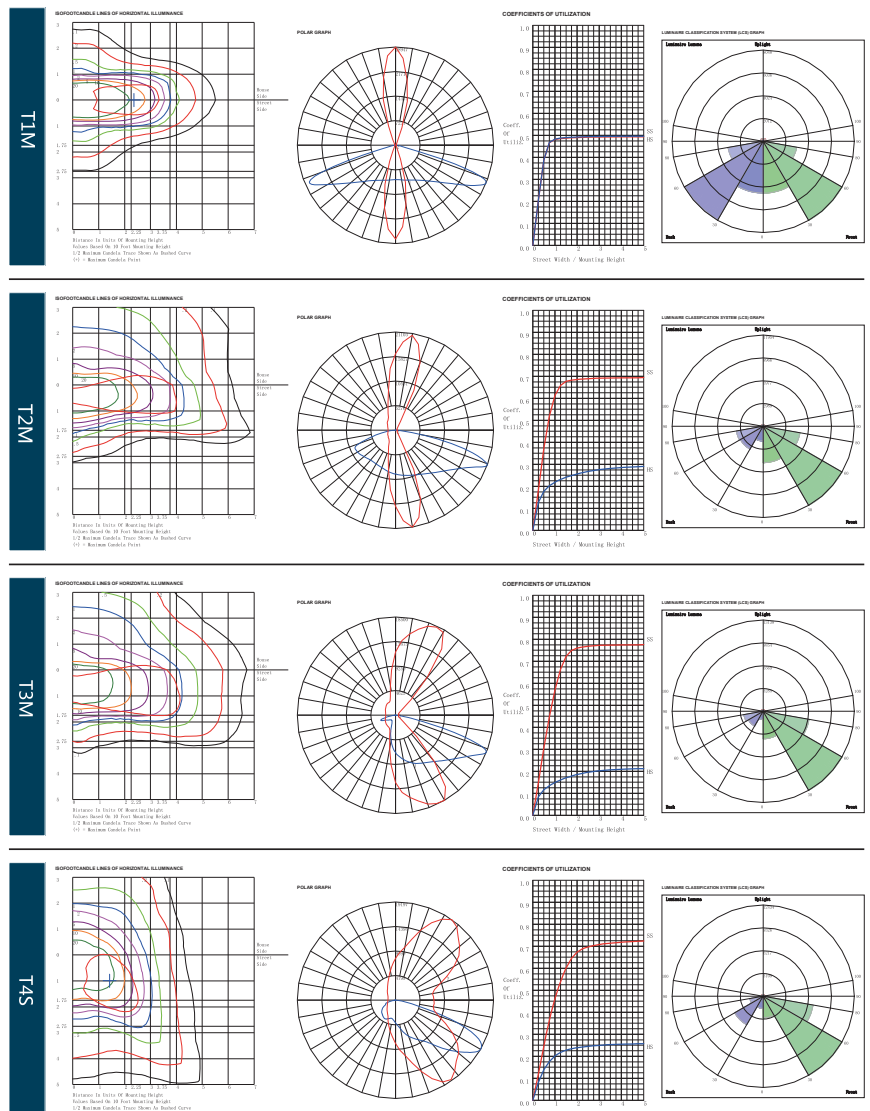
Special order items. Allow 7-8 weeks.  
270W fittings also available.

## 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 modules / LEDs / driver	5 / 90 LEDs / Xitanium	6 / 108 LEDs / Xitanium	7 / 126 LEDs / Xitanium	8 / 144 LEDs / Xitanium	10 / 180 LEDs / 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