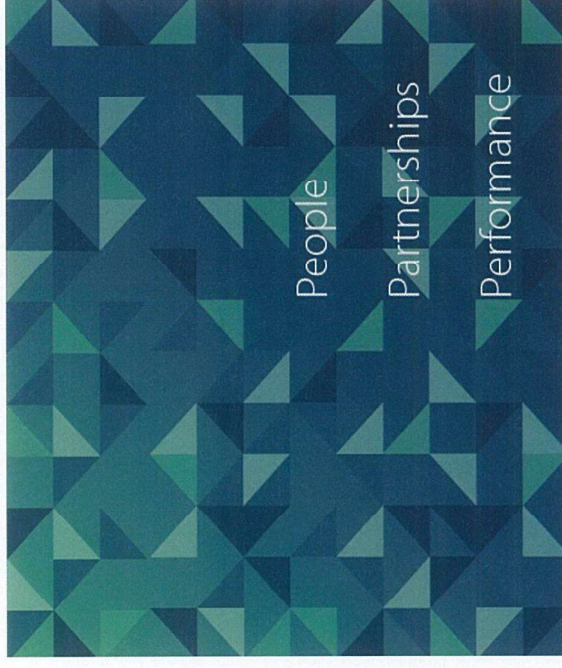




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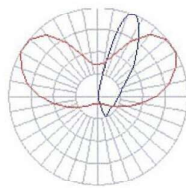
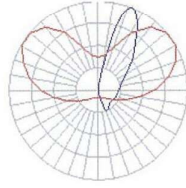
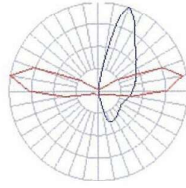
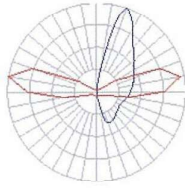
Lakes Hotel, Rosebery
AS 1158.3.1
Table 2.9
Sub category P11a
and P12 (disabled parking)



Luminaire Summary

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	2	SLA30-T2M1-CREE XPG3 5000K S5	SINGLE	4347.3	0.850	
	2	SLA30-T2M1-CREE XPG3 5000K D5	BACK-BACK	4347.3	0.850	
	1	Sentry 30-T4M1-CREE XPG3 5000K	SINGLE	4286.9	0.850	
	1	sentry 60-T4M1-CREE XPG3 5000K	SINGLE	8659.7	0.850	

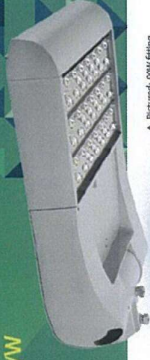
Luminaire Images



Tiger LED Street/Area Light

30W 60W 90W 120W 150W - 300W fittings available on special order

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



▲ Pictured: 90W fitting

Class-leading light output

Super-efficient 120+ lumens/watt
3,920 lumens (30W) - 14,920 lumens (120W)
Batwing lenses are standard
Range of other lens options available on special order.

Premium components for ultimate reliability

Top performance Cree XP62 LEDs & renowned Xitanium driver
10KV surge protection
50,000+ hours life, 5 year warranty.



Applications

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

Fully tested and certified

Tiger Sentry LED Light

30W 60W Wallpack Lights

Class-leading performance - **120 lm/W**
Built for ultra-dependable performance
Polycarbonate T3M batwing lenses.



▲ Above: 60W Sentry light. 30W Sentry

Class-leading light output & spread

Super-efficient output at 120+ lumens/watt
• 3,920 lumens (30W)
• 7,460 lumens (60W)
Batwing T3M lenses are standard
for optimum distribution pattern.



Premium components for ultimate reliability

Top performance Cree XP62 LEDs
Renowned Philips Xitanium driver
10KV surge protection
50,000+ hours life, 5 year warranty.

Applications

- Security lighting around building exteriors
- Illuminating private roadways, walkways, exits and entrances
- Commercial & industrial premises, municipal areas, school & university grounds, shopping centres and other public spaces.

Fully tested and certified

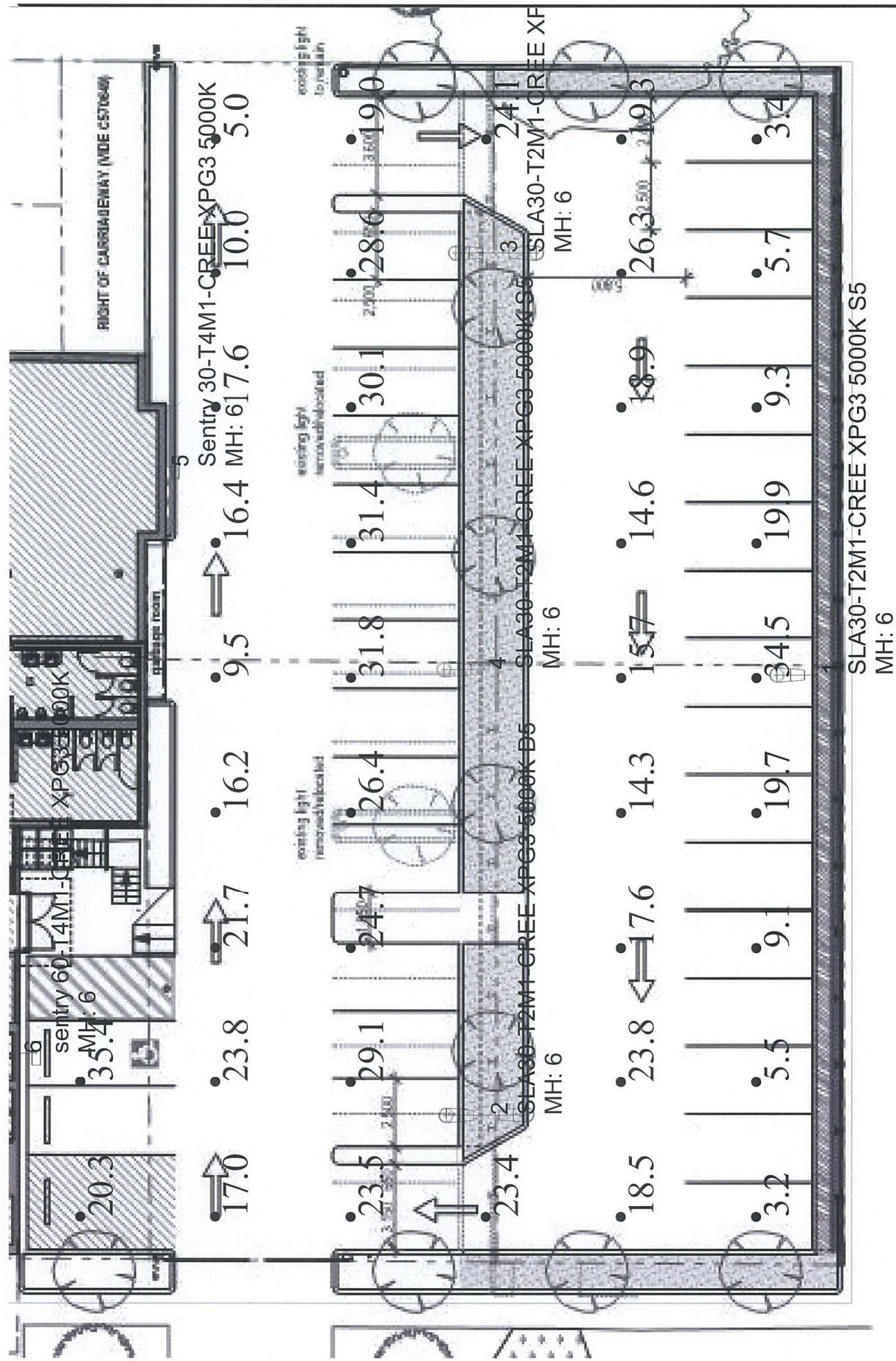
Luminaire Location Summary

Coordinates In Meters

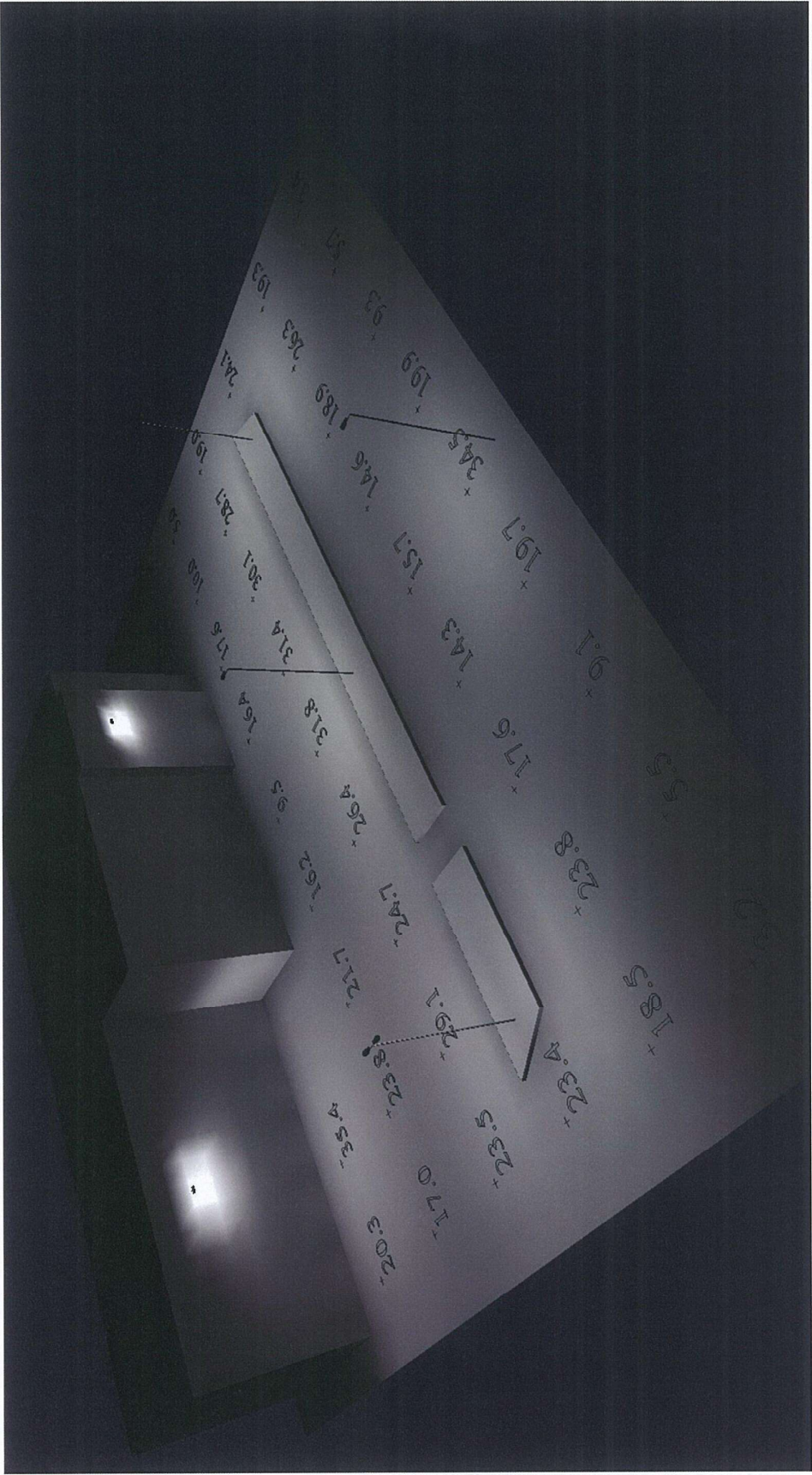
Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	SLA30-T2M1-CREE XPG3 5000K S5	40.161	50.033	6	90	5
2	SLA30-T2M1-CREE XPG3 5000K D5	23.827	62.253	6	90.448	5
3	SLA30-T2M1-CREE XPG3 5000K D5	55.801	61.922	6	90	5
4	SLA30-T2M1-CREE XPG3 5000K S5	40.362	62.341	6	90.233	0
5	Sentry 30-T4M1-CREE XPG3 5000K	47.843	74.079	6	270	0
6	sentry 60-T4M1-CREE XPG3 5000K	26.103	79.509	6	270	0

Calculation Summary

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Max/Avg
Carpark	Illuminance	Lux	19.11	35.4	3.2	1.85
Disabled	Illuminance	Lux	35.19	37.1	32.5	N.A.
ObtrusiveLight_1_Cd_Seg1	Obtrusive Light - Cd	N.A.	45.17	127	1	N.A.
ObtrusiveLight_1_Ill_Seg1	Obtrusive Light - Ill	Lux	1.92	2.7	1.0	N.A.
Vertical east	Illuminance	Lux	16.93	26.2	9.7	N.A.
Vertical east_1	Illuminance	Lux	17.04	25.6	9.8	N.A.



Render View



Render

Obtrusive Light - Compliance Report

AS 4282-1997, Post-Curfew, Commercial

Filename: Lakes Hotel, Rosebery

11/07/2017 4:20:30 PM

Illuminance

Maximum Allowable Value: 4 Lux

Calculations Tested (1):

Calculation Label	Test Results	Max. Illum.	
ObtrusiveLight_1_Ill_Seg1		PASS	3.6

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 2500 Cd

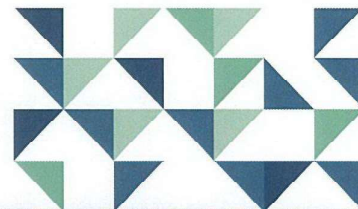
Calculations Tested (1):

Calculation Label	Test Results
ObtrusiveLight_1_Cd_Seg1	PASS



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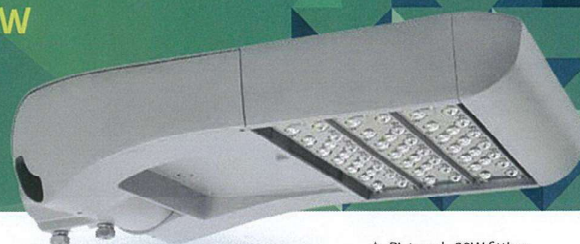
Tiger LED Street/Area Light

30W 60W 90W 120W 150W - 300W fittings available on special order

Class-leading performance - **now 120 lm/W**

Highest quality components

Built for ultra-dependable performance.



▲ Pictured: 90W fitting

Class-leading light output

Super-efficient 120+ lumens/watt
3,920 lumens (30W) - 14,920 lumens (120W)
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
Marine grade stainless steel module fascia
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:

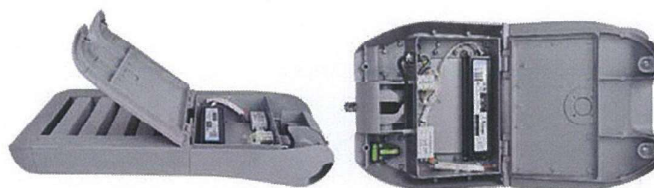
IEC / EN 60598-1: 2008 IEC / EN 60598-2-3/A1: 2011
EN 62493:2010 IEC62471: 2008
IEC62471-2:2009 EN 55015: 2013
EN61547:2009 EN61000-3-2/A2:2009
EN 61000-3-3:2013 (EU) 1194/2012:2012-12-12
(EC) 244/2009:2009-03-18

ENEC: No.: U6140888771007
CB: No.: 5G-LE-0095

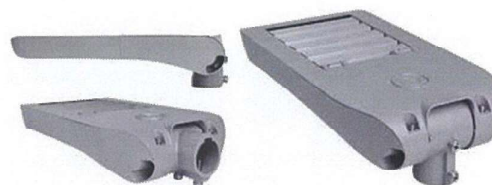
IK08 rating, 3G vibration, 1000 hours salt mist test reports
furnished upon request.



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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Leaders in energy efficient lighting

Tiger LED Street/Area Light

30W 60W 90W 120W

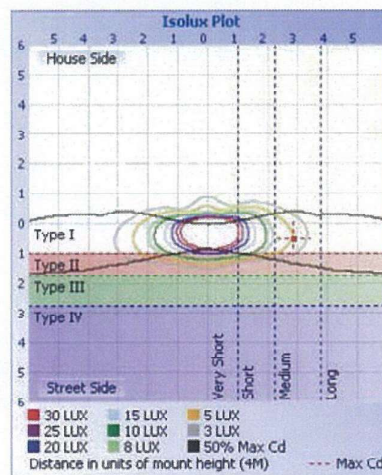
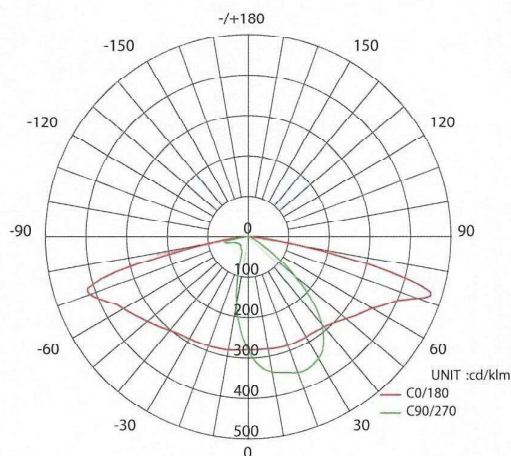
150W - 300W fittings also available on special order

Photometrics

Standard lens type:
Code T2M1.
IES Classification
Type II Medium.

Other lenses available
as special order items:

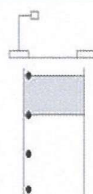
Type I Medium 10 degrees round
Type II Medium 25 degrees round
Type III Medium 40 degrees round
Type III Long 60 degrees round
Type IV Short 90 degrees round
Type IV Long 120 degrees round
Diffused



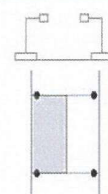
Lighting application guidelines

	30W		60W		90W		120W	
Mounting Height (metres)	4	6	6	8	8	10	10	12
Pole arrangement (see below)	SR	SR	SR	SR	SR	DR	SR	DR
Area illuminated (LxW metres)	20X5	28X7	28X7	35X10	35X10	40X14	40X14	45X22
Average illuminance (Eav lux)	26	13	25	16	26	25	21	19

Pole arrangement
SR / DR (above)



SR
Single sided
row arrangement



DR
Double row
opposing pole
arrangement

Technical parameters

	30W	60W	90W	120W
Power consumption: System/LED	30W / 27W	61W / 54W	94W / 86W	123W / 115W
Comparable metal halide	70-100W	150-200W	250-300W	250 - 400W
Input voltage & frequency	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
LED chips / driver	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium
Luminous Flux / efficiency	3,920 lm / 120 lm/W	7460 lm / 120 lm/W	11,420 lm / 120 lm/W	14,920 lm / 120 lm/W
Colour temperature / CRI	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
IP Rating / Working temperature	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
Composition - lenses	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
- Housing/heatsink	Aluminium	Aluminium	Aluminium	Aluminium
- Protective coating on housing	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)	Polyester (100µm min)
- Front fascia on modules	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
Pole-arm/horiz tenon Outer Diam	42-60mm OD	42-60mm OD	42-60mm OD	42-60mm OD
Weight / Dimensions LxWxDmm	6.5kg / 463 x 345 x 117mm	7.1kg / 523 x 345 x 117mm	8.2kg / 583 x 345 x 117mm	8.9kg / 643 x 345 x 117mm
Product order code	SA030	SA060	SA090	SA120

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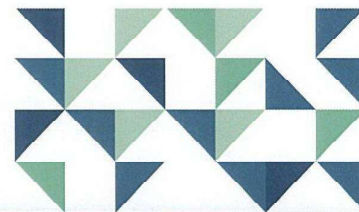
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Leaders in energy efficient lighting



Tiger Sentry LED Light

30W 60W Wallpack Lights

Class-leading performance - **120 lm/W**
Built for ultra-dependable performance
Polycarbonate T3M batwing lenses.

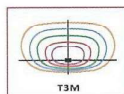


Class-leading light output & spread

Super-efficient output at 120+ lumens/watt

- 3,920 lumens (30W)
- 7,460 lumens (60W)

Batwing T3M lenses are standard for optimum distribution pattern.



Premium components for ultimate reliability

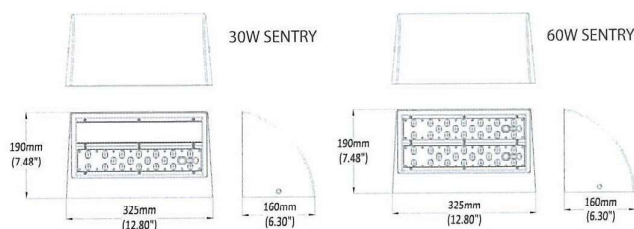
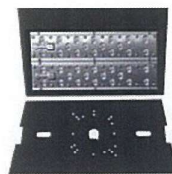
Top performance Cree XPG2 LEDs
Renowned Philips Xitanium driver
10KV surge protection
50,000+ hours life, 5 year warranty.

Robust, glass-free construction

IP67 rating for dust and water exposure
IK08 rating for impact & vandal resistance
Polyester-coated aluminium casing
Marine grade stainless steel module fascia
Polycarbonate optical lenses - no glass.

Easy installation

Back plate allows for great flexibility in the placement of wall fixings.



▲ Above: 60W Sentry
Right: 30W Sentry ▶



Applications

- Security lighting around building exteriors
- Illuminating private roadways, walkways, exits and entrances
- Commercial & industrial premises, municipal areas, school & university grounds, shopping centres and other public spaces.

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
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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.



Technical parameters

	30W	60W
Power consumption	31W	61W
Comparable HID fitting	90W	150-200W
Input voltage & frequency	AC 120-277V / 50-60Hz	AC 120-277V / 50-60Hz
Input current / Power factor	530mA / ≥ 0.95	530mA / ≥ 0.95
LED chips / driver	Cree XPG2 / Xitanium	Cree XPG2 / Xitanium
Luminous Flux / efficiency	3,920 lm / 120 lm/W	7,460 lm / 120 lm/W
Colour temperature / CRI	5,000K / Ra>70	5,000K / Ra>70
Light distribution	IESNA type III Medium	IESNA type III Medium
IP Rating / Working temp	IP67 / -50 ~ +60°C	IP67 / -50 ~ +60°C
Service life	≥ 50,000 hours	≥ 50,000 hours
Composition - lenses	Polycarbonate	Polycarbonate
- Housing/ heatsink	Aluminium	Aluminium
- Protective coating housing	Polyester (100µm min)	Polyester (100µm min)
- Front fascia on modules	Stainless Steel	Stainless Steel
Dimensions (mm)	325 L x 190 W x 160 H	325 L x 190 W x 160 H
Weight	5.0kg	5.4kg
Product order code	FA030WP	FA060WP

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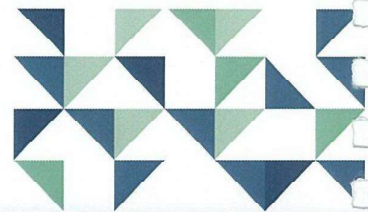
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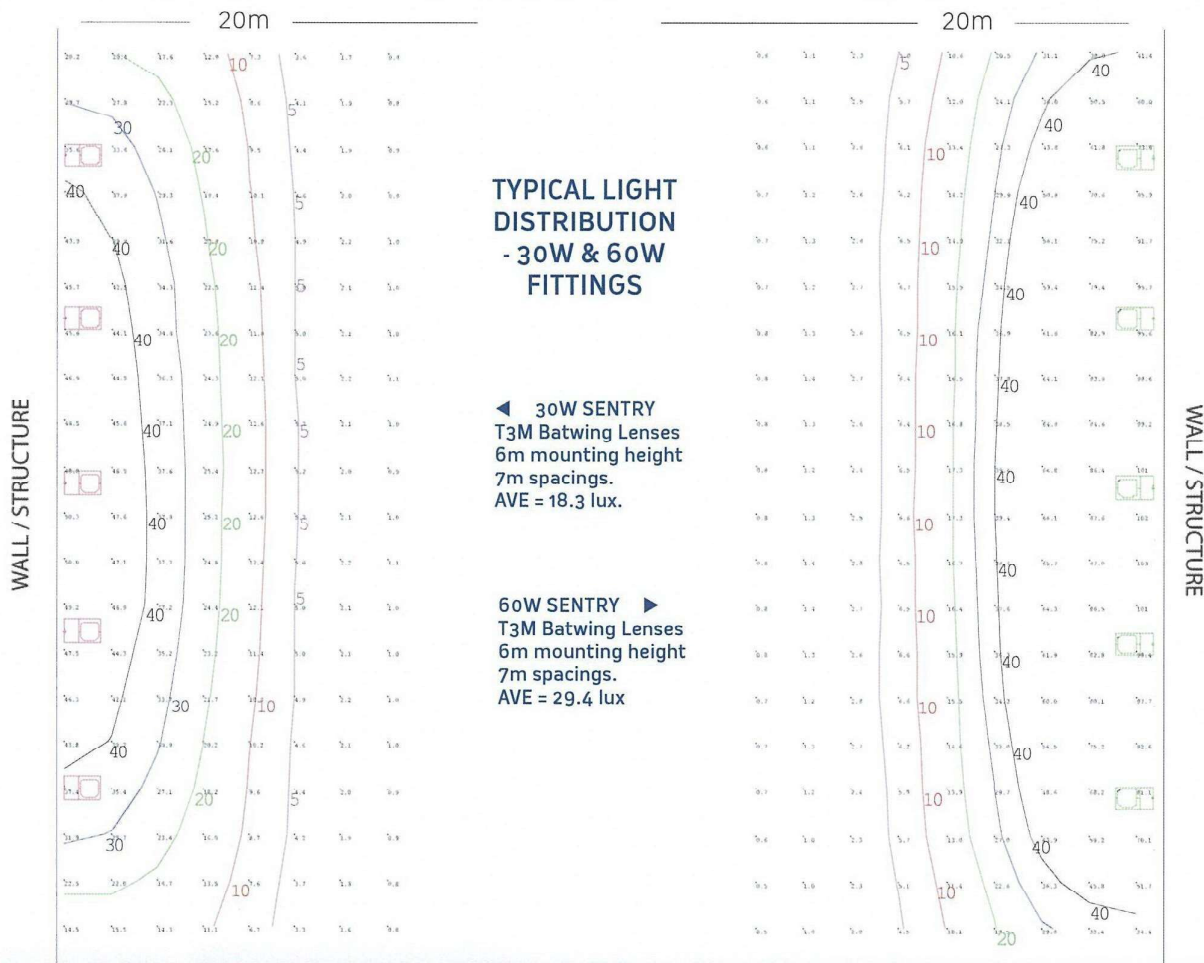
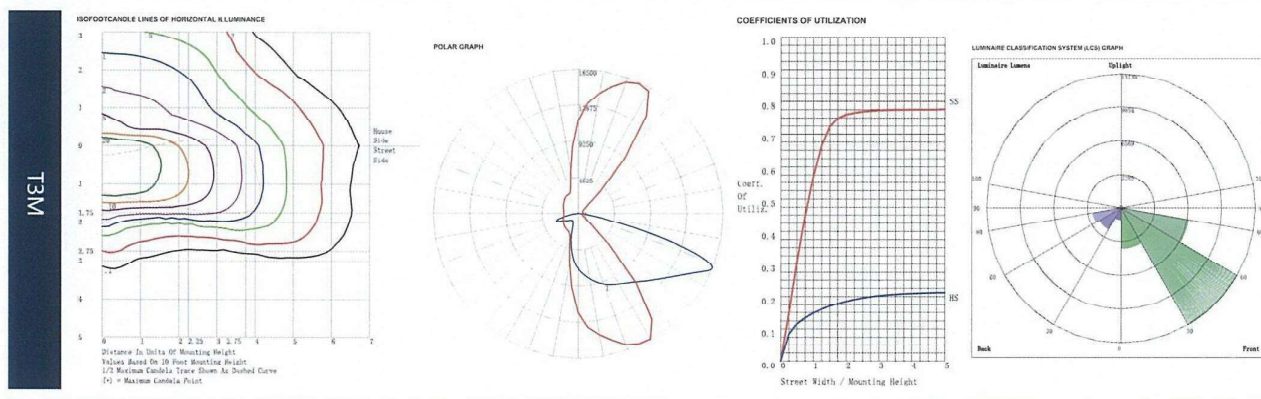
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Photometrics - T3M lenses



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