

# SOLOW XLED OPAL



OPAL ACRYLIC DIFFUSER FOR  
UNIFORM ILLUMINATION



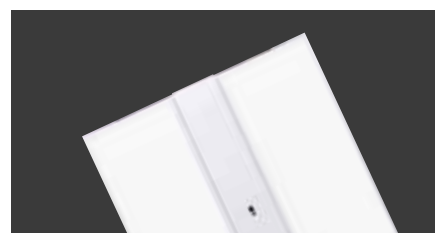
## OPAL COVER FOR EVEN ILLUMINATION

Up to 660 evenly distributed medium power LEDs are mounted behind the opal acrylic cover creating a uniform lit appearance.



## MEDIUM POWER UP TO 146 LUMINAIRE LUMENS PER CIRCUIT WATT

The high efficiency control gear coupled with the latest medium power LEDs produce between 124 and 146 luminaire lumens per circuit watt (including all gear losses). 4000K colour temperature as standard, other colours available to special order.



## UP TO 33,450 LUMENS

The high output 215W version delivers 33,450 lumens making it an ideal choice for many high ceiling applications.



**DUAL LINE**  
65W / 112W / 175W



**QUAD LINE**  
190W / 215W

Luminaire lifetime is dependent on a combination of factors; keeping LED junction and solder temperatures low is important but component selection and specification such as control gear, batteries, cabling and connectors can be equally critical. The Solow XLED Opal has a large surface area which helps keep critical components cool.

Certain versions of the Solow XLED Opal are capable of operating in high ambient temperatures up to 65°C; see the table opposite for further information.

## MAXIMUM AMBIENT OPERATING TEMPERATURES TO ACHIEVE 100,000 HOUR LIFE EXPECTANCY

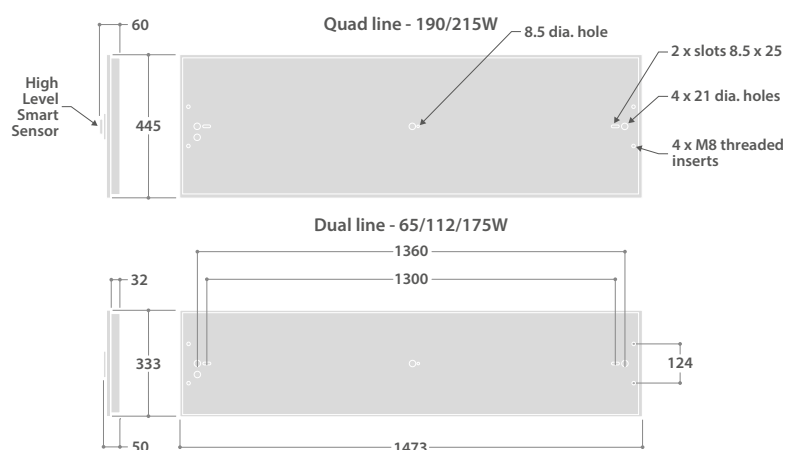
LED	STANDARD & SMART VERSIONS	EMERGENCY VERSIONS
65W	65°C	35°C
112W	45°C	25°C
175W	30°C	25°C
190W	50°C	30°C
215W	40°C	25°C

Minimum operating ambient temperature - Standard & Smart versions: -20°C / Emergency versions: 0°C

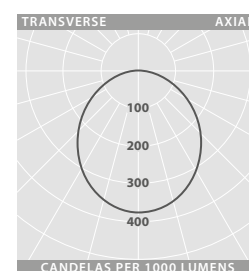
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Actual  
size  
**50**  
MM

## DIMENSIONS



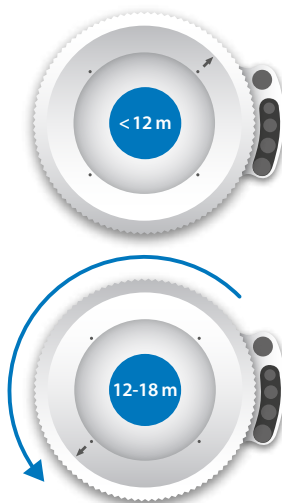
## PHOTOMETRIC GUIDE



Luminaire Lumen Output:  
 65W = 9540lm  
 112W = 15950lm  
 175W = 23315lm  
 190W = 27920lm  
 215W = 33450lm



The high level Smart Sensor is optimised for mounting heights up to 18m. An adjustable lens allows for the detection area to be tuned to suit the application perfectly. The use of advanced Thorlux Smart technology ensures LEDs are only powered when required and when on are optimised to provide the correct light level and corresponding power demand. Settings can be configured from ground level using the Smart Programmer.





## SLIM PROFILE SUPERIOR PERFORMANCE LED LUMINAIRES



### SPECIFICATION

- Slim profile zinc plated steel body finished full polyester non-yellowing satin white (RAL 9016)
- Shallow design - unobtrusive
- Large illumination surface area, opal acrylic cover
- Up to 33,450 lumen output
- Up to 146 luminaire lumens per circuit watt
- Smart versions suitable for use at mounting heights up to 18m
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Can be suspended or surface mounted

### LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L70/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>92%
REPLACEABLE	YES
POWER FACTOR	>0.95
LL/CW	146.1

For LED characteristics explanation see [www.thorlux.com/led-guide](http://www.thorlux.com/led-guide)

### SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://www.thorlux.com/smartsan)

### RANGE

	NOMINAL SIZE (mm)	LED	CAT. No.	APPROX. kg	CIRCUIT
SMART	1500	65W	<b>SWX 19050</b>	11.4	D/SS
		112W	<b>SWX 19051</b>	11.4	D/SS
		175W	<b>SWX 19052</b>	11.4	D/SS
		190W	<b>SWX 19053</b>	15.2	D/SS
		215W	<b>SWX 19054</b>	15.2	D/SS
STANDARD	1500	65W	<b>SWX 19055</b>	11.2	L/A
		112W	<b>SWX 19056</b>	11.2	L/A
		175W	<b>SWX 19057</b>	11.2	L/A
		190W	<b>SWX 19058</b>	15.0	L/A
		215W	<b>SWX 19059</b>	15.0	L/A

CIRCUIT TYPE - suffix catalogue number with:

**SMART** D - Smart / SS - SmartScan

**STANDARD** L - non-dimming / A - dimming (DALI) e.g. **SWX 19050SS** etc.

EMERGENCY VERSION - prefix catalogue number with:

**TSX** - AutoTest (Not available when selecting the 'SS' suffix)

**WSX** - SmartScan (Only available when selecting the 'SS' suffix)

e.g. **WSX 19050SS** etc.

Add 0.3kg to weights listed.

### ACCESSORY

DESCRIPTION	CAT. No.
Chain / wire suspension kit (4 x M8 screw eyelets and 1 x cable gland)	<b>IK 16897</b>