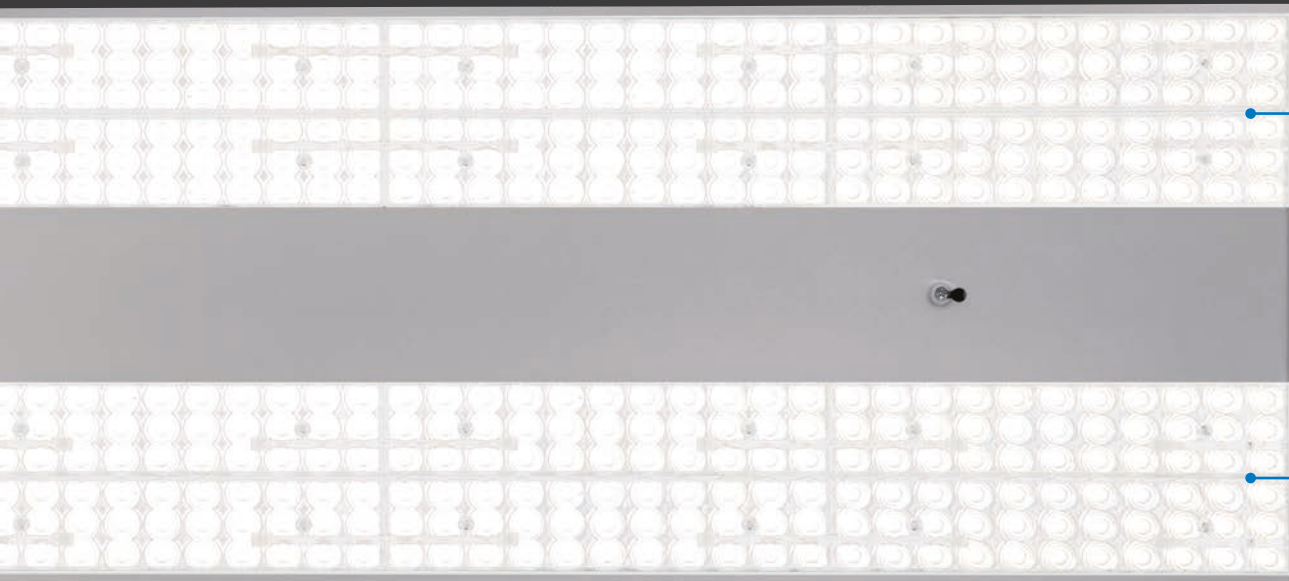


# SOLOW XLED

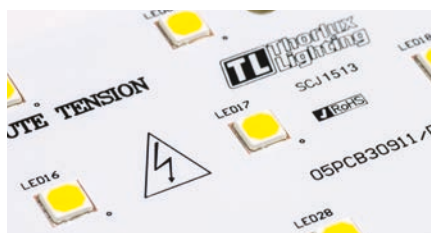


**UP TO 660 LED LIGHT SOURCES, EACH OPERATING AT ONLY 0.4W COVER A LARGE SURFACE KEEPING GLARE TO A MINIMUM**



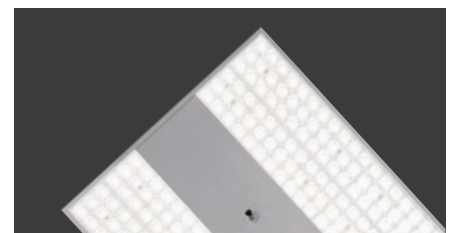
## **DEDICATED LENS FOR EVERY LED**

Each LED has an individual lens ensuring the most efficient extraction and distribution of light from the LED surface. At high mounting heights excellent optical performance can make significant improvements to illumination levels and uniformity providing long term energy savings not apparent from headline luminaire lumen output figures alone.



## **MEDIUM POWER UP TO 165 LUMINAIRE LUMENS PER CIRCUIT WATT**

The high efficiency control gear coupled with the latest medium power LEDs produce between 137 and 165 luminaire lumens per circuit watt (including all gear losses). 4000K colour temperature as standard, other colours available to special order.



## **UP TO 37,820 LUMENS**

The high output 215W version delivers 37,820 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 has a large surface area which helps keep critical components cool.

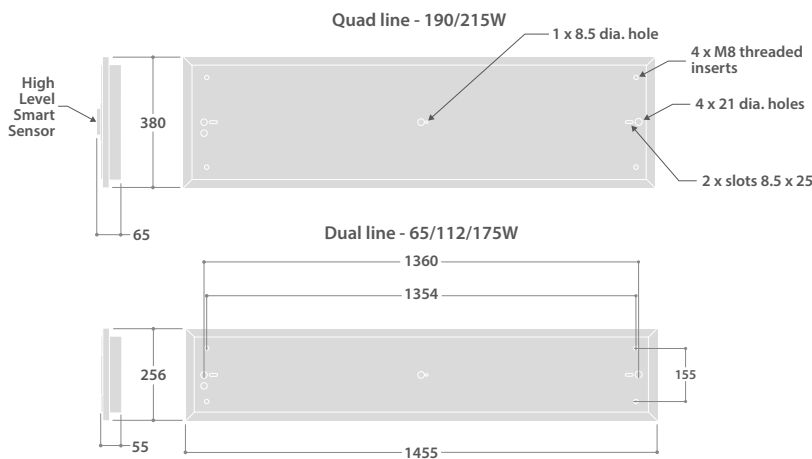
Certain versions of the Solow XLED are capable of operating in high ambient temperatures up to 65°C; see the table opposite for further information.

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

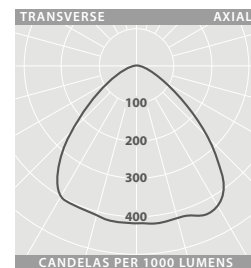
LED	STANDARD/SMART	
	MINIMUM	MAXIMUM
65W	-20°C	65°C
112W	-20°C	45°C
175W	-20°C	30°C
190W	-20°C	50°C
215W	-20°C	40°C

Actual size  
**55mm**

## DIMENSIONS

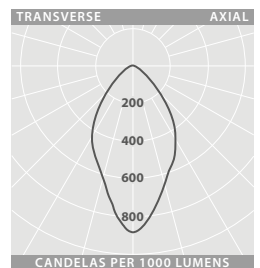


## PHOTOMETRIC GUIDE



### BROAD DISTRIBUTION

Luminaire Lumen Output:  
65W = 10585lm  
112W = 17695lm  
175W = 25870lm  
190W = 30785lm  
215W = 37100lm

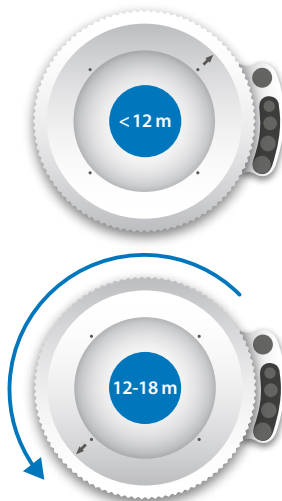


### NARROW DISTRIBUTION

Luminaire Lumen Output:  
65W = 10680lm  
112W = 17855lm  
175W = 26105lm  
190W = 31060lm  
215W = 37820lm



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.





# SOLOW XLED



## SLIM PROFILE SUPERIOR PERFORMANCE LED LUMINAIRES



### SPECIFICATION

- Slim profile zinc plated steel body with full polyester powder coat silver (RAL9006)
- Shallow design - unobtrusive
- Large illumination surface area, individual lenses - low glare
- Up to 37,820 lumen output
- Up to 165 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 165.2

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



### RANGE

	NOMINAL SIZE (mm)	LED	BROAD DISTRIBUTION	NARROW DISTRIBUTION	APPROX. kg	CIRCUIT
SMART	1500	65W	SWX 16980	SWX 16984	8.3	D/SS
		112W	SWX 19036	SWX 19039	8.3	D/SS
		175W	SWX 19037	SWX 19040	8.5	D/SS
		190W	SWX 16982	SWX 16986	12.2	D/SS
		215W	SWX 19038	SWX 19041	12.2	D/SS
STANDARD	1500	65W	SWX 16990	SWX 16994	8.1	L/A
		112W	SWX 19042	SWX 19045	8.1	L/A
		175W	SWX 19043	SWX 19046	8.3	L/A
		190W	SWX 16992	SWX 16996	12.0	L/A
		215W	SWX 19044	SWX 19047	12.0	L/A

CIRCUIT TYPE - suffix catalogue number with:

SMART	D - Smart / SS - SmartScan
STANDARD	L - non-dimming / A - dimming (DALI) e.g. SWX 16980SS etc.

### ACCESSORY

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

Presence Detection Guide - [www.thorlux.ae/files/presence-detection.pdf](http://www.thorlux.ae/files/presence-detection.pdf)