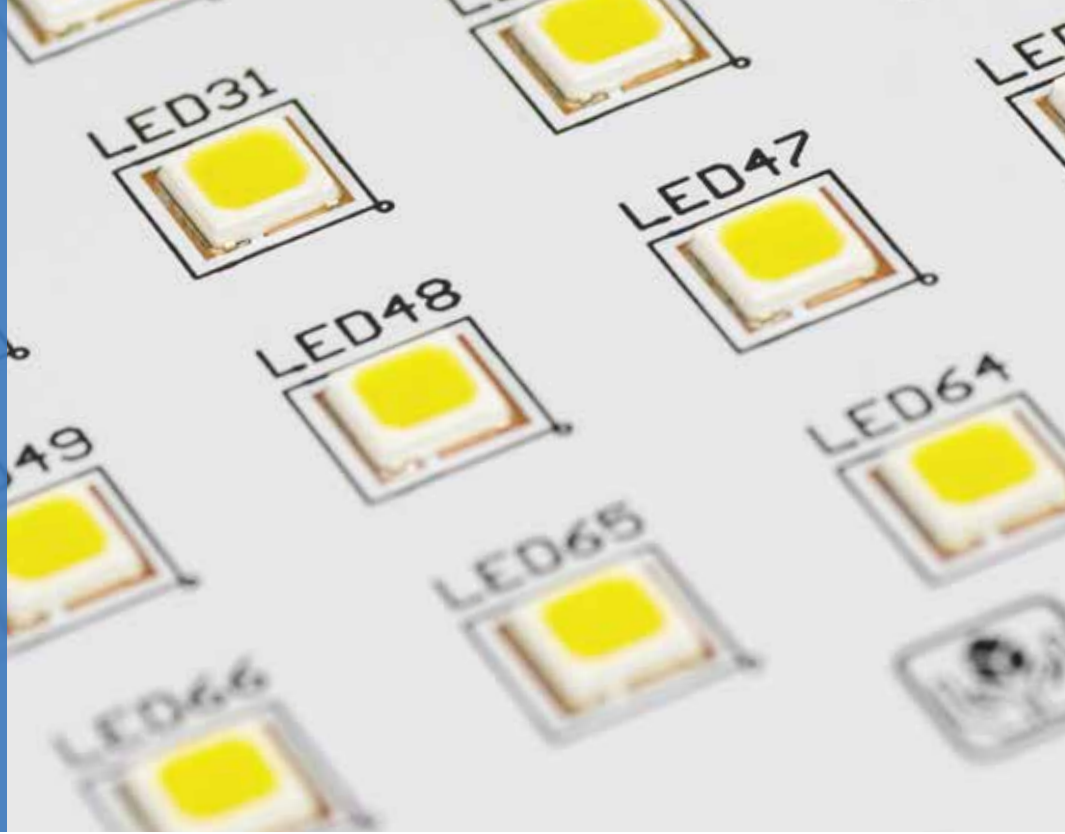
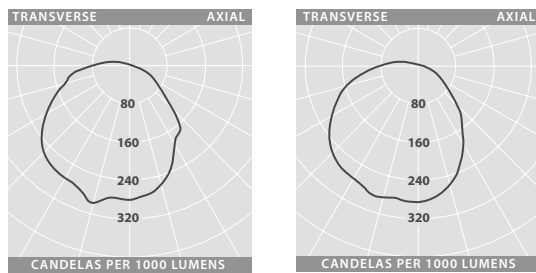


# JUBILEE LED LIGHT ENGINE

The Thorlux light engine uses the very latest "medium power" white LEDs placed onto a specially designed circuit board (patented LUX GUARD technology) providing excellent thermal management together with LED failure protection and surge / high voltage protection. A truly fit and forget, well-engineered, dedicated light engine having a life expectancy well in excess of 60,000 hours.



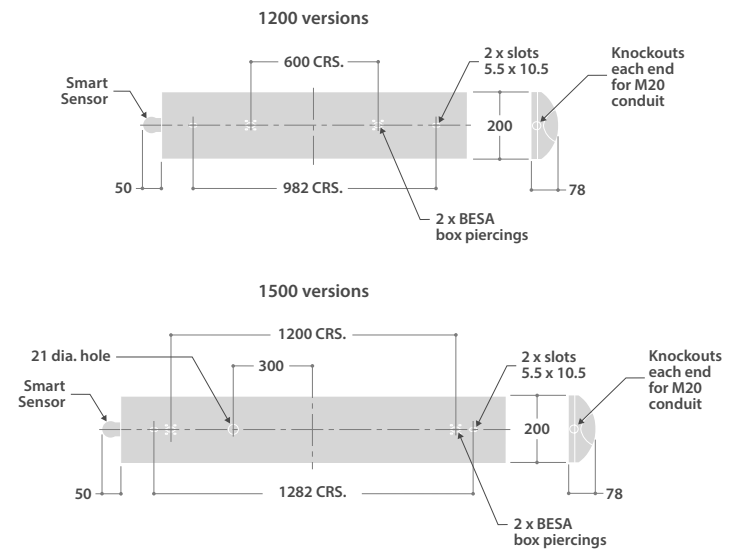
## PHOTOMETRIC GUIDE



Luminaire Lumen Output:  
31W = 5270lm  
43W = 6915lm  
51W = 8065lm

Luminaire Lumen Output:  
14W = 2575lm  
18W = 3175lm  
21W = 3545lm  
30W = 5010lm

## DIMENSIONS





Smart version

## SURFACE MOUNTED SHALLOW PROFILE LED CONTROLLER LUMINAIRES



### SPECIFICATION

- Steel body finished full polyester, non-yellowing white
- Shallow profile with co-extruded 'Satin-Glo' polycarbonate controller
- Smart versions with intelligent lighting control
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Specially wavelength optimised diffuser for LED technology achieves up to 171 lumens per "lamp" watt
- Fitted with 4000K LEDs

### LED CHARACTERISTICS

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	67K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.95
LL/CW	150.6

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

### RANGE

	NOMINAL SIZE (mm)	LED	CAT. No.	LENGTH (mm)	APPROX. kg	CIRCUIT
SMART	1200	18W	<b>JUB 16945</b>	1245	5.2	D/SS
		31W	<b>JUB 16946</b>		5.2	D/SS
		14W	<b>JUB 19635</b>		6.6	D/SS
	1500	21W	<b>JUB 16502</b>	1545	6.6	D/SS
		30W	<b>JUB 16503</b>		6.6	D/SS
		43W	<b>JUB 16504</b>		6.6	D/SS
STANDARD	1200	18W	<b>JUB 16947</b>	1195	5.1	L/A
		31W	<b>JUB 16948</b>		5.1	L/A
		14W	<b>JUB 19636</b>		6.5	L/A
	1500	21W	<b>JUB 16506</b>	1495	6.5	L/A
		30W	<b>JUB 16507</b>		6.5	L/A
		43W	<b>JUB 16508</b>		6.5	L/A
		51W	<b>JUB 16509</b>		6.5	L/A

CIRCUIT TYPE - suffix catalogue number with:

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

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **JUB 16945SS** etc.

EMERGENCY VERSION - prefix catalogue number with:

**EJB** - Emergency  
**TJB** - AutoTest } (Not available when selecting the 'SS' suffix)

**WJB** - SmartScan (Only available when selecting the 'SS' suffix)  
e.g. **WJB 16945SS** etc.

Add 0.3kg to weights listed

### SmartScan Configurations



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