



Mounting



Specification



SmartScan Configurations



Find out more at www.thorlux.com/smartsan

LED Characteristics

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K-L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	88%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	97.6

ENERGY EFFICIENCY CLASSIFICATION **B**

For LED characteristics explanation see www.solite-europe.com/led-guide

Front access, lay-in luminaire designed for heavy duty grid ceilings in clean and sterile environments. IP65 (front) / IP54 (rear) ensures the ceiling integrity is maintained at all times, even when the cover is removed.

Applications

- Clean and sterile environments up to FS209E class 1000, ISO 14644 class 6
- Pharmaceutical production
- Pharmacies
- Hospitals
- Laboratories
- Electronics manufacturing
- Semiconductor manufacturing
- Food preparation manufacturing

Construction

- Zinc plated steel body
- 46mm aluminium diffuser frame, with welded and finished corners
- Polyester powder coated body and frame
- Polycarbonate fire-retardant diffuser, TP(a)
- White EDPM closed cell gaskets.

Finish

- RAL9010
- Satin opal diffuser

* Please confirm colour on order

Features

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 1000, ISO14644 class 6 standard
- IP65 (front) / IP54 (rear)
- LUX Guard, LED Protection
- Removable LED platform for improved sustainability and longer life cycle

Options

- Special RAL colour **
- Antimicrobial paint **
- 3000K or 6500K LED light engine **
- CRI90 LED light engine **
- Stainless steel frame **
- Screwless frame. Add '+SCREWLESS'
- Deglaring lens: LG7 compliant, providing <math><1500\text{cd}/\text{m}^2</math>. Replace 'S' suffix with: '+LG7P' LG7+clear polycarbonate / '+LG7G' LG7+toughened glass
- Toughened glass front panel: For applications where corrosive cleaning agents may be applied. Glass is supplied in addition to the satin polycarbonate panel. Replace 'S' suffix with 'TGS'

** Available on request, contact sales

Controls Options

- DALI or SmartScan

Emergency Options, 3 hour integral ***

- Standard, Self-test, DALI or SmartScan

*** Central battery, contact sales

Range

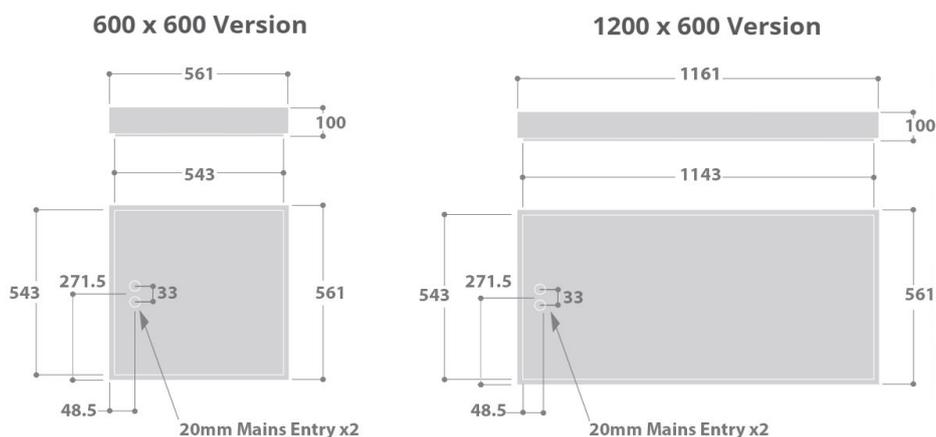
LED	CAT. NO.	NOMINAL SIZE	APPROX. kg
26W	BETA2226WLED4S	600mm x 600mm	10.5
38W	BETA2238WLED4S		
45W	BETA2245WLED4S		
54W	BETA2254WLED4S		
75W	BETA2275WLED4S		
52W	BETA4252WLED4S	1200mm x 600mm	19.0
76W	BETA4276WLED4S		
90W	BETA4290WLED4S		
108W	BETA42108WLED4S		

CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. BETA2238WLED4S+DALI-DIM

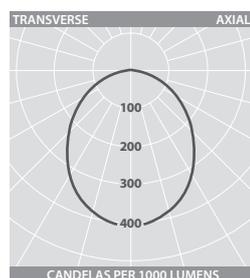
EMERGENCY OPTIONS - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral e.g. BETA2238WLED4S+EM

Please specify 'TBAR' for installing in to lay in grid T-bar ceiling systems

Dimensions



Photometric Guide



SATIN
 Luminaire Lumen Output 600 x 600
 26W = 2928lm
 38W = 4100lm
 45W = 4690lm
 54W = 5580lm
 75W = 7470lm
 Emergency = 349lm ▲
 Luminaire Lumen Output 1200 x 600
 52W = 5822lm
 76W = 8200lm
 90W = 9380lm
 108W = 11160lm
 Emergency = 369lm ▲

▲ NOTE: Emergency lumen output does not change according to wattage.
 (Lumen output for central battery systems will vary according to the installation)

Mounting Arrangement

