



## Mounting



## Specification



## SmartScan Configurations



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

## 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

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

- White (RAL9010, 30% gloss) \*
- 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 \*\*
- Anti-bacterial paint \*\*
- 3000K or 6500K LED light engine \*\*
- CRI90 LED light engine \*\*
- Stainless steel frame \*\*
- Screwless frame. Add '+SCREWLESS'
- Deglaring lens: LG7 compliant, providing <1500cd/m<sup>2</sup>. 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:

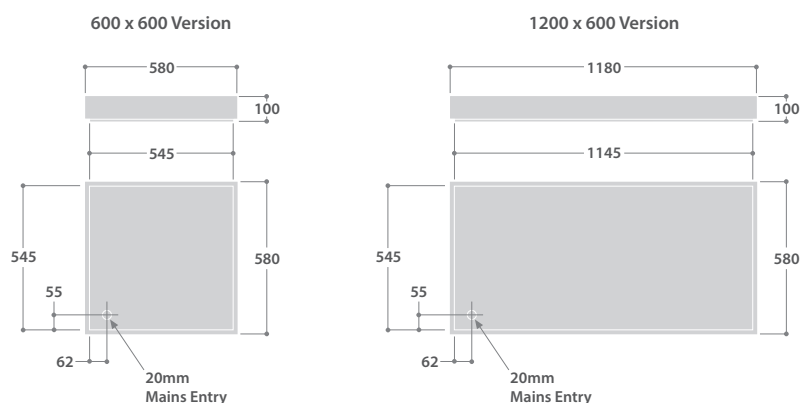
**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan e.g. BETA2238WLED4S+DALI-DIM

EMERGENCY OPTIONS - suffix catalogue number with:

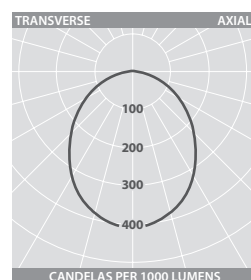
**EM** - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral e.g. BETA2238WLED4S+EM

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

