BETA

Mounting

Specification

CE | UKCA | LED | Tp(a) | IP65 ↑ | IP54 ↓
1,000 | LR | NOMS ✓ | IK10

SmartScan Configurations

Find out more at **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
ENERY 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 linished 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 ******
• 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/m². 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**		
	38W	**BETA2238WLED4S**		
	45W	**BETA2245WLED4S**	600mm x 600mm	10.5
	54W	**BETA2254WLED4S**		
	75W	**BETA2275WLED4S**		
	52W	**BETA4252WLED4S**		
	76W	**BETA4276WLED4S**		
	90W	**BETA4290WLED4S**	1200mm x 600mm	19.0
	108W	**BETA42108WLED4S**		

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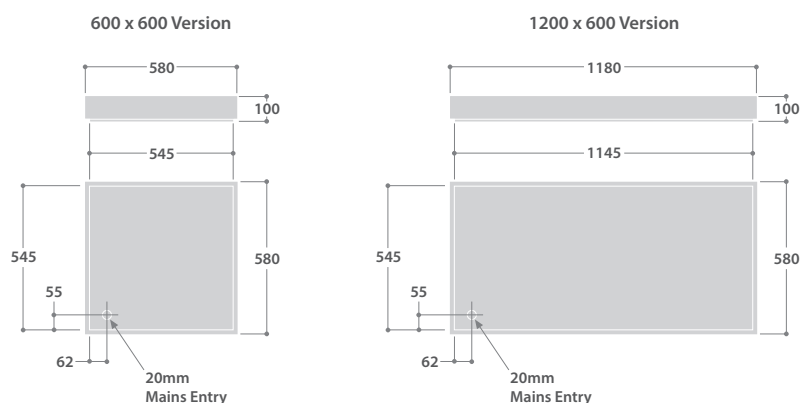**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan   e.g. BETA2238WLED4S+DALI-DIM

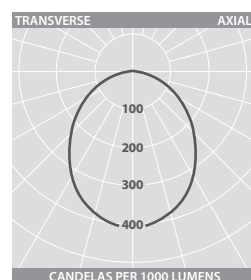**EMERGENCY OPTIONS** - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral   e.g. BETA2238WLED4S+EM

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

Dimensions

600 x 600 Version

580
100
545
545
580
55
62
20mm Mains Entry

1200 x 600 Version

1180
100
1145
545
580
55
62
20mm Mains Entry

Photometric Guide

TRANSVERSE   AXIAL

100
200
300
400

CANDELAS PER 1000 LUMENS

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

NOTE - Installing contractor to supply fixing for attaching side arm supports to grid profile.

Bracket comes with 9.6mm Ø hole.

600 CRS.

Lay-in on exposed T-bar