



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 103.1

ENERGY EFFICIENCY CLASSIFICATION **B**

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

Front access LED luminaire designed for cut aperture ceilings in clean and sterile environments up to FS209E class 100. Double extruded frames with IP65 (front and rear) ensures maximum protection is maintained at all times, even when the cover is removed.

Applications

- Clean and sterile environments up to FS209E class 100, ISO 14644 class 5
- Pharmaceutical production
- Pharmacies
- Hospitals
- Laboratories
- Electronics manufacturing
- Semiconductor manufacturing
- Food preparation manufacturing

Construction

- Zinc plated steel body
- Chamfered 63mm aluminium diffuser frame, with welded and lished corners
- Polyester powder coated body and frame
- Polycarbonate fire-retardant diffuser, TP(a)
- White EPDM closed cell gaskets

Finish

- RAL9016
- Satin opal diffuser

Features

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 100, ISO14644 class 5 standard
- IP65 (front) / IP65 (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 **
- Through access hatch. Add suffix '+AH'.
- Declaring lens: LG7 compliant, providing <math><1500\text{cd}/\text{m}^2</math>. Replace 'S' suffix with: '+LP' clear polycarbonate '+LG' 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

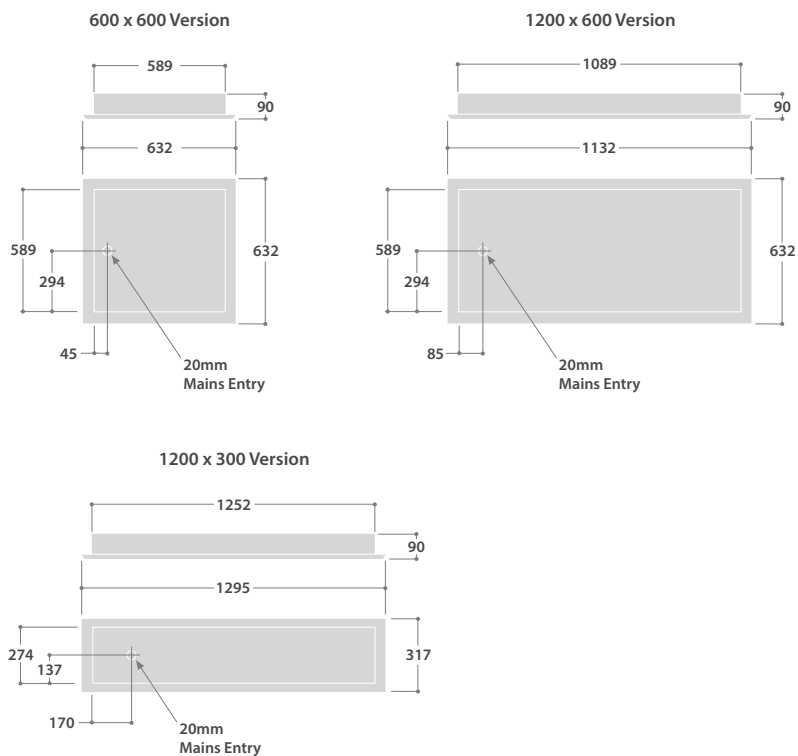
Range

| LED | CAT. NO. | NOMINAL SIZE | CUT APERTURE | APPROX. kg |
|------|--------------------------|----------------|----------------|------------|
| 26W | LAMBDA2226WLED4S | 600mm x 600mm | 597mm x 597mm | 10.5 |
| 38W | LAMBDA2238WLED4S | | | |
| 45W | LAMBDA2245WLED4S | | | |
| 54W | LAMBDA2254WLED4S | | | |
| 75W | LAMBDA2275WLED4S | | | |
| 52W | LAMBDA4252WLED4S | 1200mm x 600mm | 1097mm x 597mm | 19.0 |
| 76W | LAMBDA4276WLED4S | | | |
| 90W | LAMBDA4290WLED4S | | | |
| 108W | LAMBDA42108WLED4S | | | |
| 40W | LAMBDA4140WLED4S | 1200mm x 300mm | 1260mm x 282mm | 12.5 |
| 49W | LAMBDA4149WLED4S | | | |
| 64W | LAMBDA4164WLED4S | | | |

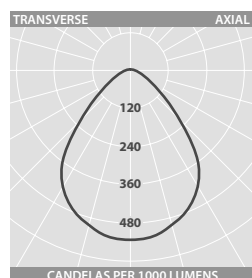
CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. **LAMBDA2238WLED4S+DALI-DIM**

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. **LAMBDA2238WLED4S+EM**

Dimensions



Photometric Guide



LG7 ENABLING

Luminaire Lumen Output 600 x 600

26W = 3380lm

38W = 4705lm

45W = 5485lm

54W = 6320lm

75W = 8405lm

Emergency = 422lm ▲

Luminaire Lumen Output 1200 x 600

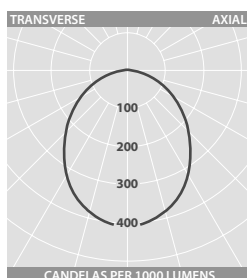
52W = 6765lm

76W = 9410lm

90W = 10970lm

108W = 12635lm

Emergency = 380lm ▲



SATIN

Luminaire Lumen Output 600 x 600

26W = 3190lm

38W = 4435lm

45W = 5175lm

54W = 6120lm

75W = 7625lm

Emergency = 396lm ▲

Luminaire Lumen Output 1200 x 600

52W = 6380lm

76W = 8875lm

90W = 10350lm

108W = 12235lm

Emergency = 356lm ▲

Luminaire Lumen Output 1200 x 300

40W = 4576lm

49W = 5538lm

64W = 6940lm

Emergency = 376lm ▲

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

Mounting Arrangement

Please contact Sales to discuss mounting arrangement. The below shows the use of a Tek Screw to secure the luminaire to the ceiling structure. Example arrangement shown below, may not be applicable to your application:

