



Mounting



Specification



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	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 finished corners
- Polyester powder coated body and frame
- Polycarbonate fire-retardant diffuser, TP(a)
- White EDPM 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 **
- Anti-bacterial paint **
- 3000K or 6500K LED light engine **
- CRI90 LED light engine **
- Stainless steel frame **
- Through access hatch. Add suffix '+AH'.
- 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	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			

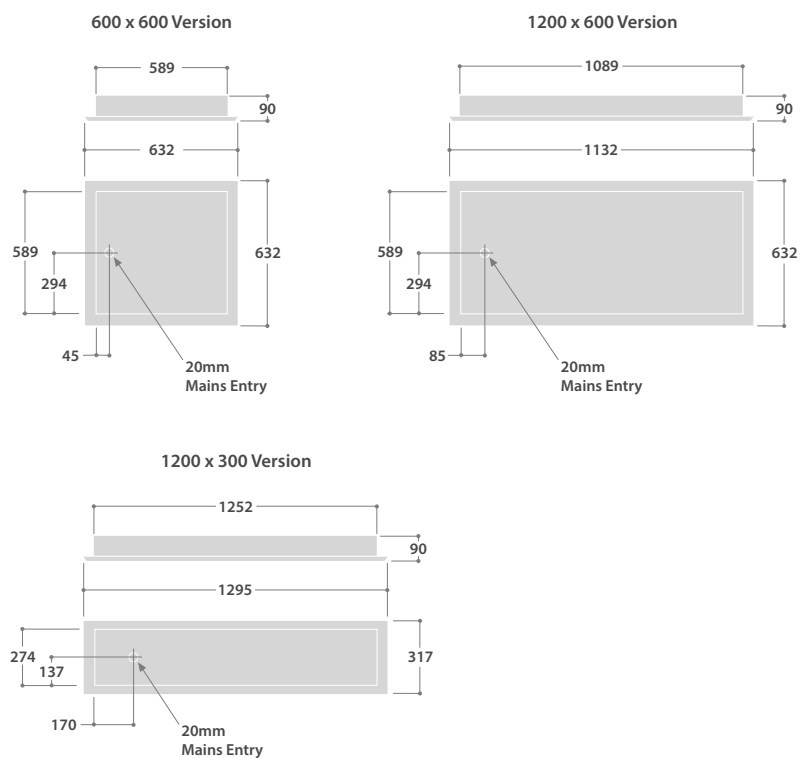
CONTROLS OPTIONS - suffix catalogue number with:

DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. **LAMBDA2238WLED4S+DALI-DIM**

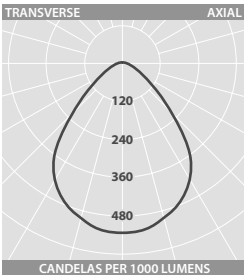
EMERGENCY OPTIONS - suffix catalogue number with:

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**

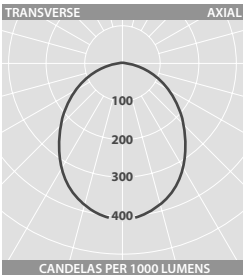
Dimensions



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 = 10970m
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

Cut aperture ceilings up to 40mm

