



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

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

Front access luminaire designed for modular 'T' and cut aperture 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
- Chamfered 55mm 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

* 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'
- Through access hatch. Add suffix '+AH'
- Deglaring lens: LG7 compliant, providing <math><1500\text{cd/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

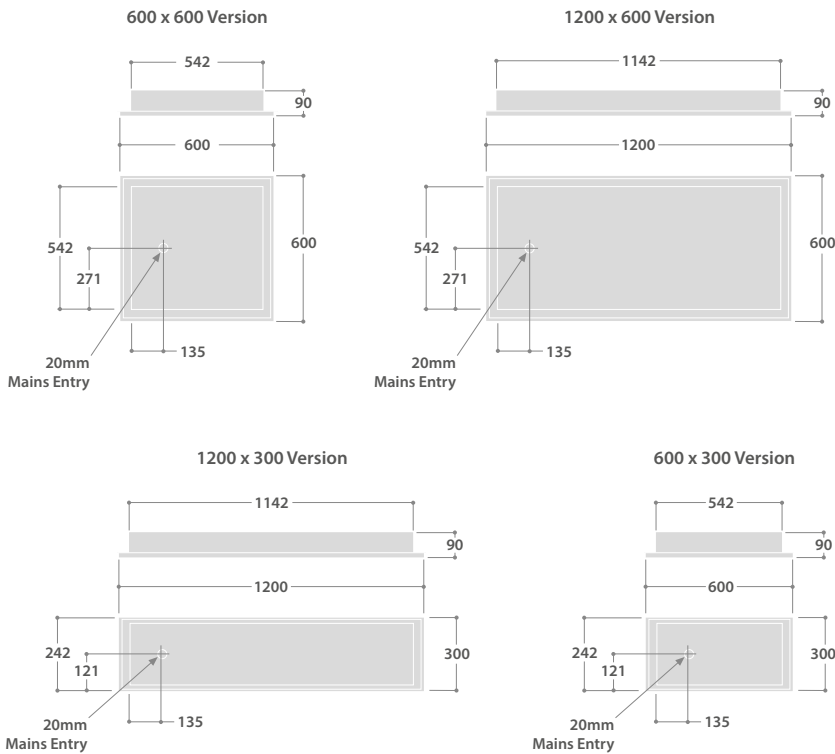
LED	CAT. NO.	NOMINAL SIZE	CUT APERTURE	APPROX. kg
26W	TAU2226WLED4S	600mm x 600mm	575mm x 575mm	10.5
38W	TAU2238WLED4S			
45W	TAU2245WLED4S			
54W	TAU2254WLED4S			
75W	TAU2275WLED4S			
52W	TAU4252WLED4S	1200mm x 600mm	1175mm x 575mm	19.0
76W	TAU4276WLED4S			
90W	TAU4290WLED4S			
108W	TAU42108WLED4S			
40W	TAU4140WLED4S	1200mm x 300mm	1175mm x 275mm	12.5
49W	TAU4149WLED4S			
64W	TAU4164WLED4S			
37W	TAU2137WLED4S	600mm x 300mm	575mm x 275mm	10.0
49W	TAU2149WLED4S			
63W	TAU2163WLED4S			

CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. TAU2238WLED4S+DALI-DIM

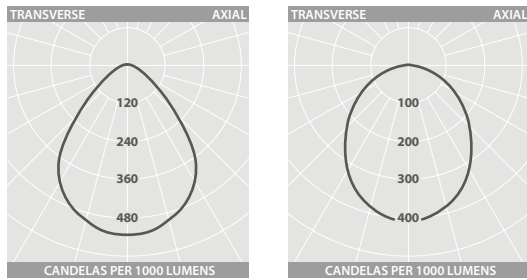
EMERGENCY OPTIONS - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral e.g. TAU2238WLED4S+EM

Dimensions

For modular 'T' and cut aperture ceilings



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 ▲

Luminaire Lumen Output 600 x 300
 37W = 4762lm
 49W = 6115lm
 63W = 7862lm
 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

