



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

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 finished 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 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 <1500cd/m². 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:

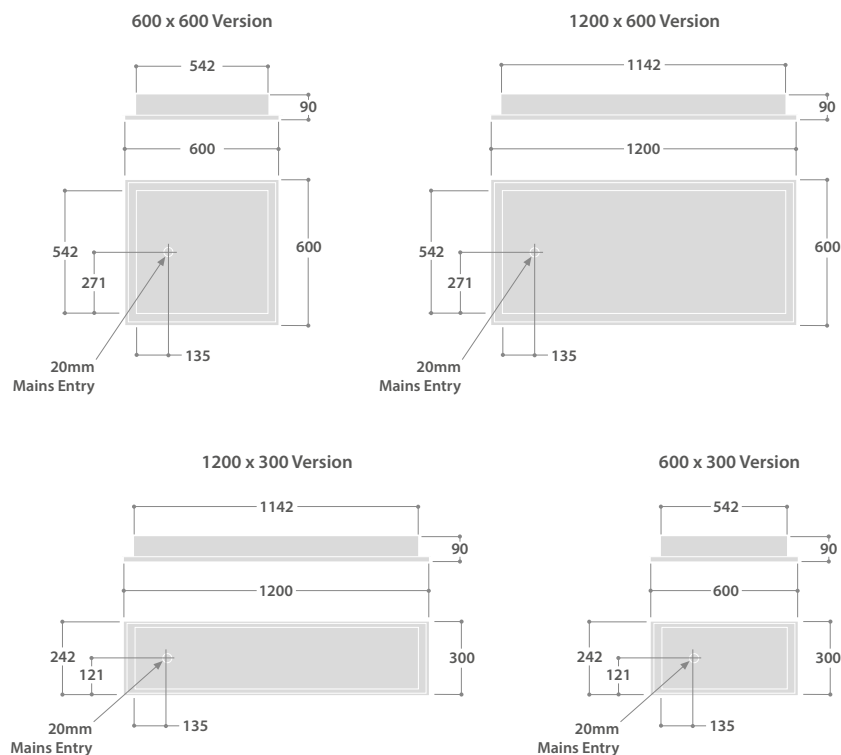
DALI-DIM - DALI dimmable / SSCAN - SmartScan e.g. TAU2238WLED4S+DALI-DIM

EMERGENCY OPTIONS - suffix catalogue number with:

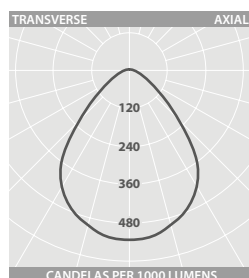
EM - Standard 3 hour integral / EM-ST - Emergency Self-test 3 hour integral / DALI-EM - DALI 3 hour integral / SSCAN-EM - SmartScan 3 hour integral e.g. TAU2238WLED4S+EM

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

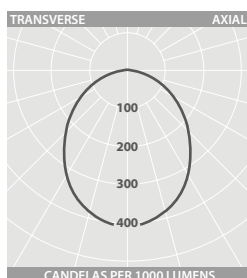
52W = 6765lm

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

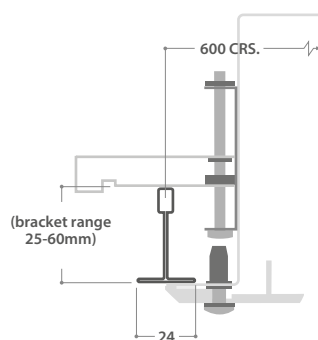
63W = 7862lm

Emergency = 376lm ▲

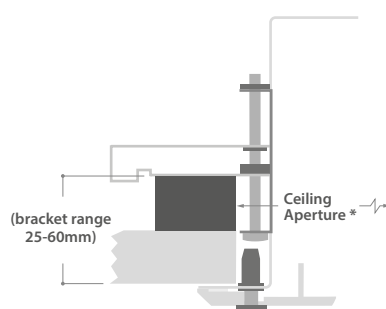
▲ NOTE: Emergency lumen output does not change according to wattage.
(Lumen output for central battery systems will vary according to the installation)

Mounting Arrangement

Exposed T-bar (24mm wide)



Plasterboard Ceiling



* Ceiling Aperture

575 x 575mm max. +5 -0mm (600 x 600)

1175 x 575mm max. +5 -0mm (1200 x 600)