

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 109.0

ENERGY EFFICIENCY CLASSIFICATION **B**

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

Front access luminaire with screw-less frame for modular 'T' and cut aperture ceilings in clean and sterile environments. Screw-less catches allow easy frame removal during installation and maintenance. IP54 (front) / IP20 (rear) for lower classification, entry level clean rooms.

Applications

- Clean and sterile environments up to FS209E class 10,000, ISO 14644 class 7
- Pharmacies
- Hospitals
- Laboratories
- Food preparation manufacturing

Construction

- Zinc plated steel body
- 29mm 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

- RAL9016
- Satin opal diffuser

Features

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 10,000, ISO14644 class 7 standard
- IP54(front) / IP20 (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 **
- Plasterboard ceiling. Add suffix '+PB'
- Deglaring lens: LG7 compliant, providing <1500cd/m². Replace 'S' suffix with: '+LG7P' LG7+clear polycarbonate / '+LG7G' LG7+toughened glass

** 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

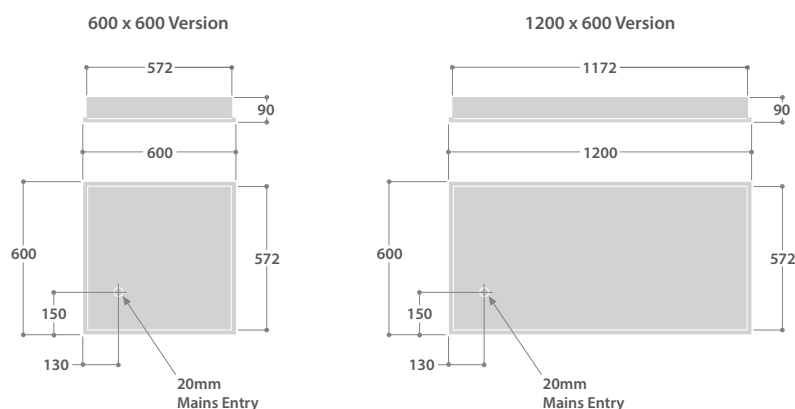
LED	CAT. NO.	NOMINAL SIZE	APPROX. kg
21W	ALPHA2221WLED4S	600mm x 600mm	8.0
36W	ALPHA2236WLED4S		
42W	ALPHA4242WLED4S	1200mm x 600mm	17.0
72W	ALPHA4272WLED4S		

CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. **ALPHA2236WLED4S+DALI-DIM**

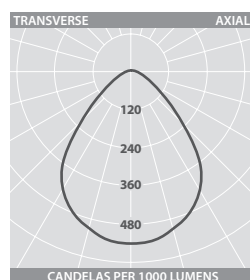
EMERGENCY OPTIONS - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral e.g. **ALPHA2236WLED4S+EM**

Exposed T as standard - for plasterboard ceiling add suffix '+PB'

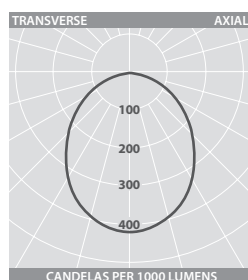
Dimensions



Photometric Guide



LG7 ENABLING
 Luminaire Lumen Output 600 x 600
 21W = 2193lm
 36W = 3655lm
 Emergency = 324lm ▲
 Luminaire Lumen Output 1200 x 600
 42W = 4386lm
 72W = 7310lm
 Emergency = 285lm ▲



SATIN
 Luminaire Lumen Output 600 x 600
 21W = 2619lm
 36W = 4140lm
 Emergency = 348lm ▲
 Luminaire Lumen Output 1200 x 600
 42W = 5238lm
 72W = 8280lm
 Emergency = 306lm ▲

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

Mounting Arrangement

