ALPHA

Mounting

Specification

CE · UK CA · LED · Tp(a) · IP54 ↑ · IP20 ↓ · 10,000 · LR · NOMS ✓ · IK10

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	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

- Solite White (RAL9016, 90% gloss) *
- Satin opal diffuser

* Please confirm colour on order

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 **
- Anti-bacterial 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 ***

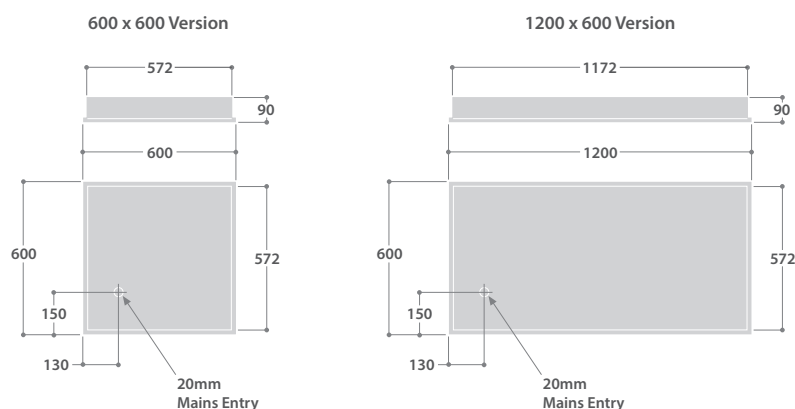- Standard, Self-test, DALI or SmartScan

*** Central battery, contact sales

Range

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

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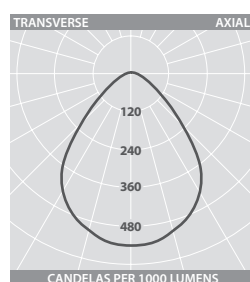
EMERGENCY OPTIONS - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral   e.g. ALPHA2236WLED4S+EM

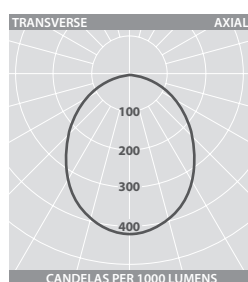Exposed T as standard - for plasterboard ceiling add suffix '**+PB**'

Dimensions

600 x 600 Version

1200 x 600 Version

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

Exposed T-bar (24mm wide)

Plasterboard Ceiling

*Ceiling Aperture
575 x 575mm (600 x 600)