



Mounting



Specification



SmartScan Configurations



Find out more at www.thorlux.com/smartsan

LED Characteristics

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	80K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	91%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW 146.0

ENERGY EFFICIENCY CLASSIFICATION **B**

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

High performance, compact, front access luminaire with full walk-on capability. Designed to flush-fit (top and bottom) in to cut aperture composite load-bearing ceiling panels. 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
- For installation in to walk-on ceilings where access for maintenance is via the room
- Pharmaceutical production
- 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 EDPM closed cell gaskets

Finish

- White (RAL9010, 30% gloss) *
- Satin opal diffuser

* Please confirm colour on order

Features

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 1000, ISO14644 class 6 standard
- Full walk-on capability. Tested to 2.5kN/m² and forms an integrated part of the working platform
- Flush fits in to composite load-bearing ceiling panels of 60-200mm thickness
- 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 **
- 140W high output **
- 3000K or 6500K LED light engine **
- CRI90 LED light engine **
- Stainless steel frame **
- 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

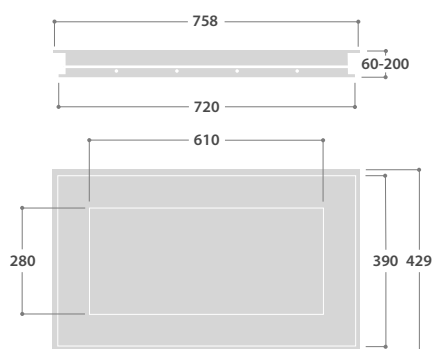
LED	CAT. NO.	CEILING THICKNESS	NOMINAL SIZE	CUT APERTURE	APPROX. kg
26W	EVOFA3226WLED4S				
35W	EVOFA3235WLED4S				
47W	EVOFA3247WLED4S				
54W	EVOFA3254WLED4S	60mm - 200mm [▲]	720mm x 390mm	688mm x 359mm	13.8
70W	EVOFA3270WLED4S				
84W	EVOFA3284WLED4S				

CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. **EVOFA3254WLED4S+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. **EVOFA3254WLED4S+EM**

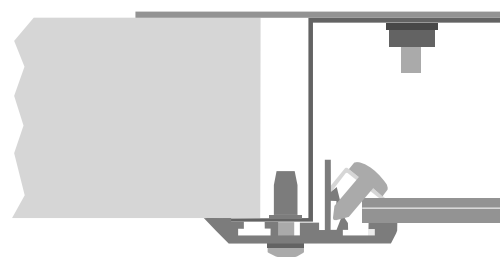
CEILING THICKNESS - Standard is 60mm. Please note the thickness of the ceiling panel as a suffix to the product code e.g. 54W option with 150mm ceiling: **EVOFA3254WLED4S+150MM**

Dimensions



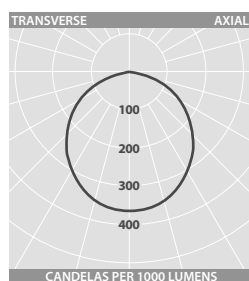
Mounting Arrangement

Load bearing ceiling panel 60mm up to 200mm



NOTE: The Evo FA integrates in to the ceiling panel and is maintainable from room side only.

Photometric Guide



LED
 Luminaire Lumen Output
 26W = 4137lm
 35W = 5570lm
 47W = 7480lm
 54W = 8594lm
 70W = 10617lm
 84W = 12740lm
 Emergency = 509lm*

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