



## Mounting



## Specification



## SmartScan Configurations



Find out more at [www.thorlux.com/smartsan](http://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         |

For LED characteristics explanation see [www.solite-europe.com/led-guide](http://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/m<sup>2</sup> 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/m<sup>2</sup>. 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 | <b>EVOFA3226WLED4S</b> | 60mm - 200mm <sup>▲</sup> | 720mm x 390mm | 688mm x 359mm | 13.8       |
| 35W | <b>EVOFA3235WLED4S</b> |                           |               |               |            |
| 47W | <b>EVOFA3247WLED4S</b> |                           |               |               |            |
| 54W | <b>EVOFA3254WLED4S</b> |                           |               |               |            |
| 70W | <b>EVOFA3270WLED4S</b> |                           |               |               |            |
| 84W | <b>EVOFA3284WLED4S</b> |                           |               |               |            |

CONTROLS OPTIONS - suffix catalogue number with:

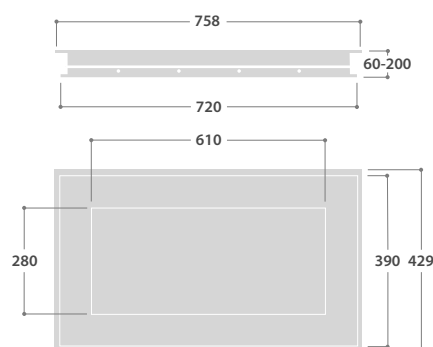
**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan e.g. **EVOFA3254WLED4S+DALI-DIM**

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**

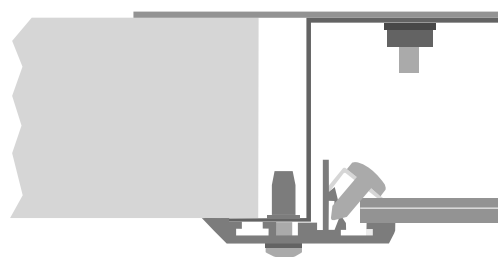
**CEILING THICKNESS** - Standard is 60mm. Please note the thickness of the ceiling panel as a suffix to the product code e.g. 54W option with 150mm ceiling: **EVOFA3254WLED4S+150MM**

## Dimensions



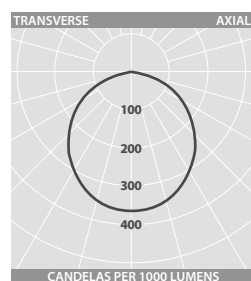
## Mounting Arrangement

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\*

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