



## 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**

ENERGY EFFICIENCY CLASSIFICATION **B**

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

- RAL9010
- Satin opal diffuser

## 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 \*\*
- Antimicrobial 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

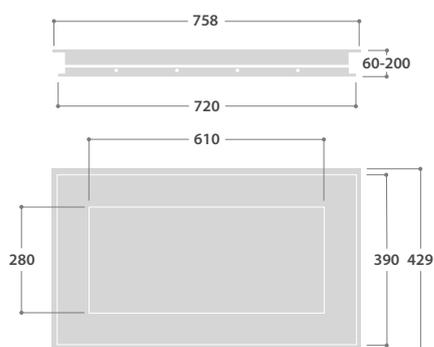
LED	CAT. NO.	CEILING THICKNESS	NOMINAL SIZE	CUT APERTURE	APPROX. kg
26W	<b>EVOFA3226WLED4S</b>				
35W	<b>EVOFA3235WLED4S</b>				
47W	<b>EVOFA3247WLED4S</b>				
54W	<b>EVOFA3254WLED4S</b>	60mm - 200mm <sup>▲</sup>	720mm x 390mm	688mm x 359mm	13.8
70W	<b>EVOFA3270WLED4S</b>				
84W	<b>EVOFA3284WLED4S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

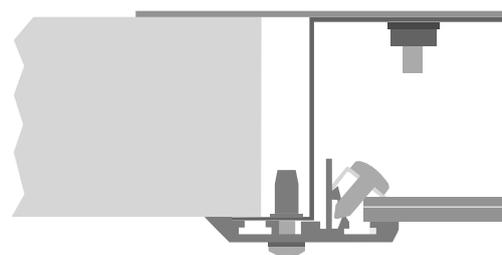
**CEILING THICKNESS** - Standard is 60mm. Please note the thickness of the ceiling panel as a suffix to the product code e.g. 54W option with 150mm ceiling: **EVOFA3254WLED4S+150MM**

## Dimensions



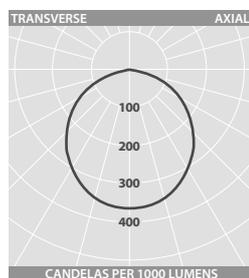
## Mounting Arrangement

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)