EVO FA

Mounting

CUT APERTURE

Specification

CE | UKCA | LED | Tp(a) | ↑IP65 | IP54↓

1,000 | LR | NOMS✓ | IK10

SmartScan Configurations

Find out more at **www.thorlux.com/smartscan**

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 linished 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/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**

EVO FA

Range

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

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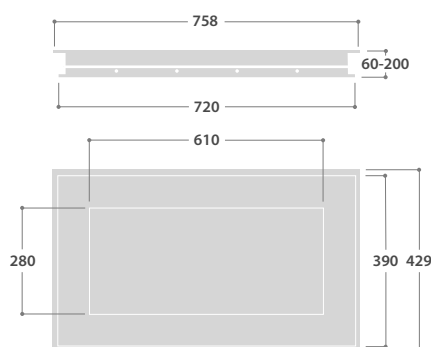**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan **e.g. EVOFA3254WLED4S+DALI-DIM**

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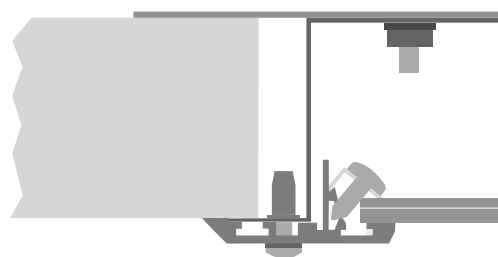
CEILING THICKNESS - Standard is 60mm. Please note the thickness of the ceiling panel as a suffix to the product code **e.g. 54W option with 150mm ceiling: EVOFA3254WLED4S+150MM**
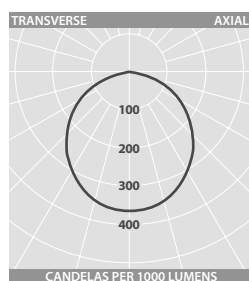
Dimensions

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)