



## Mounting



## Specification



## SmartScan Configurations



Find out more at [www.thorlux.com/smartscan](http://www.thorlux.com/smartscan)

## LED Characteristics

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	91%
REPLACEABLE	YES
POWER FACTOR	>0.9
LL/CW	162.6

For LED characteristics explanation see [www.solite-europe.com/led-guide](http://www.solite-europe.com/led-guide)

High efficiency, compact, rear 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 ceiling void
- Pharmaceutical production
- Laboratories
- Electronics manufacturing
- Semiconductor manufacturing
- Food preparation manufacturing

## Construction

- Zinc plated steel body
- Zinc coated steel frame with welded and finished corners
- Heavy duty folded steel construction allows full walk on capability
- Polyester powder coated body and frame
- Polycarbonate fire-retardant diffuser, TP(a)
- High efficiency LED lens
- White EPDM closed cell gaskets

## Finish

- White (RAL9010, 30% gloss) \*
- Clear diffuser with LED lenses

\* 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 60mm thickness as standard, up to 200mm thickness to special order
- 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 \*\*
- 3000K or 6500K LED light engine \*\*
- CRI90 LED light engine \*\*
- Stainless steel frame \*\*
- Toughened glass front panel: For applications where corrosive cleaning agents may be applied. Replace 'CP' suffix with 'TG'.

\*\* 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>EVORAXL3226WLED4CP</b>	60mm - 200mm <sup>■</sup>	770mm x 440mm	740mm x 410mm	13.8
35W	<b>EVORAXL3235WLED4CP</b>				
47W	<b>EVORAXL3247WLED4CP</b>				
54W	<b>EVORAXL3254WLED4CP</b>				
70W	<b>EVORAXL3270WLED4CP</b>				
84W	<b>EVORAXL3284WLED4CP</b>				

CONTROLS OPTIONS - suffix catalogue number with:

**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan e.g. **EVORAXL3254WLED4CP+DALI-DIM**

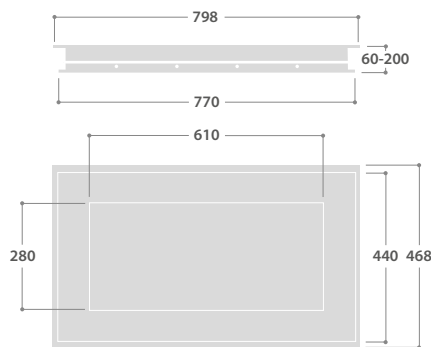
EMERGENCY OPTIONS - suffix catalogue number with:

**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. **EVORAXL3254WLED4CP+EM**

<sup>■</sup> **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:

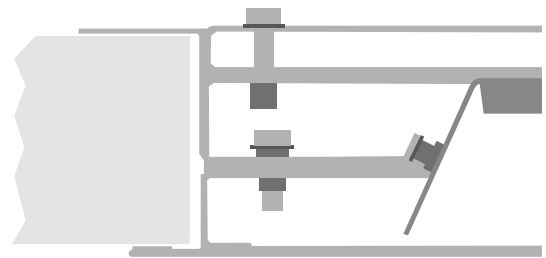
**EVORAXL3254WLED4CP+150MM**

## Dimensions



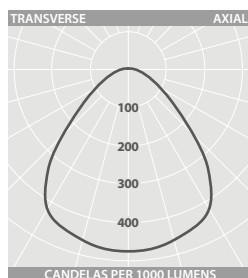
## Mounting Arrangement

Load bearing ceiling panel 60mm up to 200mm



**NOTE:** The Evo RA XL integrates in to the ceiling panel to maintain the working platform in the void space.

## Photometric Guide



### LED

Luminaire Lumen Output

26W = 4580lm

35W = 6166lm

47W = 8280lm

54W = 9513lm

70W = 11687lm

84W = 14025lm

Emergency = 599lm <sup>▲</sup>

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