



## 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)	100K - L80/B10
PROTECTION	LUX GUARD
DRIVER EFFICIENCY	>85%
REPLACEABLE	YES
POWER FACTOR	>0.9
<b>LL/CW</b>	<b>111.9</b>

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

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)
- White EPDM closed cell gaskets

## Finish

- White (RAL9010, 30% gloss) \*
- Glass and 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 60mm thickness as standard, up to 200mm 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 \*\*
- 150W high output \*\*
- 3000K or 6500K LED light engine \*\*
- CRI90 LED light engine \*\*
- Stainless steel frame \*\*
- Deglaring lens: LG7 compliant, providing <math><1500\text{cd/m}^2</math>. Replace 'S' suffix with: '+LP' LG7+clear polycarbonate / '+LG' 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

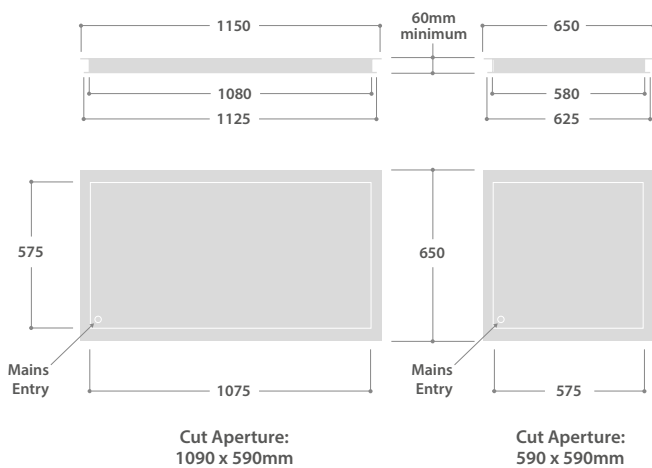
LED	CAT. NO.	CEILING THICKNESS	NOMINAL SIZE	CUT APERTURE	APPROX. kg
38W	<b>ZETARA2238WLED4S</b>	60mm <sup>■</sup>	600mm x 600mm	590mm x 590mm	17.0
45W	<b>ZETARA2245WLED4S</b>				
54W	<b>ZETARA2254WLED4S</b>				
75W	<b>ZETARA2275WLED4S</b>				
52W	<b>ZETARA4252WLED4S</b>	60mm <sup>■</sup>	1200mm x 600mm	1090mm x 590mm	30.0
76W	<b>ZETARA4276WLED4S</b>				
90W	<b>ZETARA4290WLED4S</b>				
108W	<b>ZETARA42108WLED4S</b>				

CONTROLS OPTIONS - suffix catalogue number with:  
**DALI-DIM** - DALI dimmable / **SSCAN** - SmartScan e.g. **ZETARA2238WLED4S+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. **ZETARA2238WLED4S+EM**

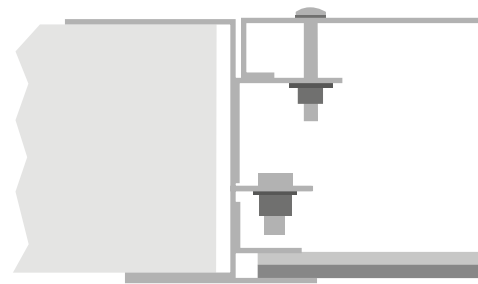
<sup>■</sup> **CEILING THICKNESS** - Standard is 60mm. Please note the thickness of the ceiling panel as a suffix to the product code e.g. 38W option with 150mm ceiling: **ZETARA2238WLED4S+150MM**

## Dimensions



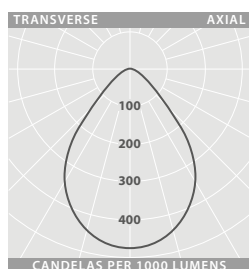
## Mounting Arrangement

Load bearing ceiling panel 60mm up to 200mm

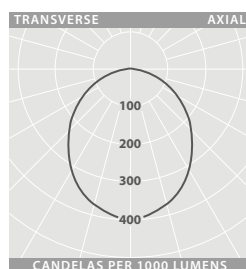


**NOTE:** The Zeta RA integrates in to the ceiling panel to maintain the working platform in the void space.

## Photometric Guide



**LG7 ENABLING AND CLEAR TOUGHENED GLASS**  
 Luminaire Lumen Output 600 x 600  
 38W = 4560lm  
 45W = 5270lm  
 54W = 6260lm  
 75W = 8003lm  
 Emergency = 452lm <sup>▲</sup>  
 Luminaire Lumen Output 1200 x 600  
 76W = 9120lm  
 90W = 10540lm  
 108W = 12520lm  
 150W = 15505lm  
 Emergency = 397lm <sup>▲</sup>



**SATIN AND CLEAR TOUGHENED GLASS**  
 Luminaire Lumen Output 600 x 600  
 38W = 4810lm  
 45W = 5610lm  
 54W = 6640lm  
 75W = 8290lm  
 Emergency = 426lm <sup>▲</sup>  
 Luminaire Lumen Output 1200 x 600  
 76W = 9620lm  
 90W = 11220lm  
 108W = 13280lm  
 Emergency = 374lm <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)