



Mounting



Specification



SmartScan Configurations



Find out more at 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

LL/CW 104.0

ENERGY EFFICIENCY CLASSIFICATION **B**

For LED characteristics explanation see www.solite-europe.com/led-guide

Front access luminaire with full walk-on capability. Designed to flush-fit (top and bottom) into 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 into 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 EPDM 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/m² and forms an integrated part of the working platform
- Flush fits into 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 <1500cd/m². 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
26W	ZETAFA2226WLED4S	60mm [■]	600mm x 600mm	572mm x 572mm	17.0
38W	ZETAFA2238WLED4S				
45W	ZETAFA2245WLED4S				
54W	ZETAFA2254WLED4S				
75W	ZETAFA2275WLED4S				
52W	ZETAFA4252WLED4S	60mm [■]	1200mm x 600mm	1072mm x 572mm	30.0
76W	ZETAFA4276WLED4S				
90W	ZETAFA4290WLED4S				
108W	ZETAFA42108WLED4S				

CIRCUIT TYPE - suffix catalogue number with:

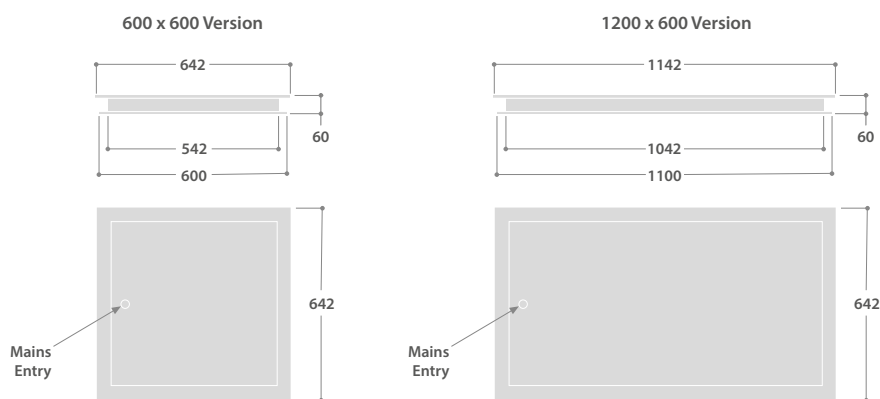
DALI-DIM - DALI dimmable / **SSCAN** - SmartScan e.g. ZETAFA2238WLED4S+DALI-DIM

EMERGENCY VERSION - suffix catalogue number with:

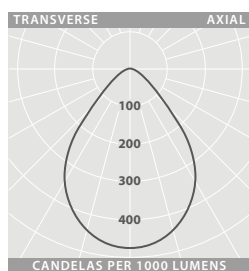
EM - standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral / **SSCAN-EM** - SmartScan 3 hour integral e.g. ZETAFA2238WLED4S+EM

[■] **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: ZETAFA2238WLED4S+150MM

Dimensions



Photometric Guide



LG7 ENABLING

Luminaire Lumen Output 600 x 600

26W = 3181lm

38W = 4740lm

45W = 5542lm

54W = 6548lm

75W = 8178lm

Emergency = 370lm [▲]

Luminaire Lumen Output 1200 x 600

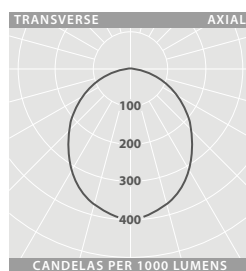
52W = 6362lm

76W = 9180lm

90W = 11084lm

108W = 13096lm

Emergency = 325lm [▲]



SATIN

Luminaire Lumen Output 600 x 600

26W = 3355lm

38W = 4472lm

45W = 5228lm

54W = 6177lm

75W = 7715lm

Emergency = 349lm [▲]

Luminaire Lumen Output 1200 x 600

52W = 6710lm

76W = 8944lm

90W = 10456lm

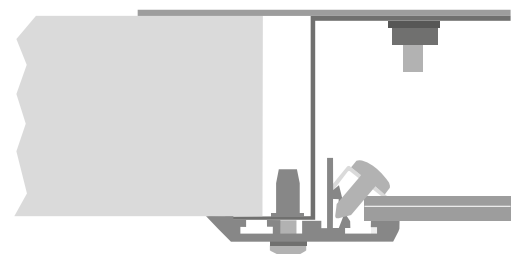
108W = 12354lm

Emergency = 307lm [▲]

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

Mounting Arrangement

Load bearing ceiling panel 60mm up to 200mm



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