



Continuous version

Mounting



Specification



SmartScan Configurations



Find out more at www.thorlux.com/smartsan

LED Characteristics

CRI	80+
COLOUR TEMPERATURE	4000K
RATED LIFE (HOURS)	50K-L70/B10
PROTECTION	N/A
DRIVER EFFICIENCY	88%
REPLACEABLE	YES
POWER FACTOR	>0.9

LL/CW 154.0

ENERGY EFFICIENCY CLASSIFICATION **B**

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

Surface mounted, laminar flow luminaire for clean and sterile environments. Teardrop profile is design to minimise airflow disturbance and can be mounted both individually or continuously.

Applications

- Clean and sterile environments up to FS209E class 1, ISO 14644 class 3
- Cleanrooms with laminar airflow
- Laboratories
- Electronics manufacturing
- Semiconductor manufacturing

Construction

- Extruded aluminium body
- Snap-in, extruded satin acrylic (PMMA) teardrop diffuser
- Polyester powder coated body

Finish

- Solite White *
- * Please confirm colour on order

Features

- Fixed output, 4000K, CRI80 as standard
- Conforms to FS209E class 1, ISO14644 class 3 standard
- IP20
- 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
- Green / Red / Yellow light engine
- Polycarbonate fire-retardant diffuser, TP(a)

** Available on request, contact sales

Controls Options

- DALI

Emergency Options, 3 hour integral ***

- Standard, Self-test or DALI

*** Available on fittings 900mm or longer. For central battery, contact sales

Range

LED	CAT. NO.	NOMINAL SIZE	LUMENS	LL/CW	APPROX. kg
8W	SIGMA60011L	600mm	1184	148	3.0
15W	SIGMA60021L		2140	143	
12W	SIGMA90017L	900mm	1776	154	5.0
23W	SIGMA90032L		3220	140	
16W	SIGMA120023L	1200mm	2369	148	6.0
31W	SIGMA120043L		4310	139	
20W	SIGMA150029L	1500mm	2960	148	7.0
33W	SIGMA150046L		4680	142	
44W	SIGMA150062L		6200	141	

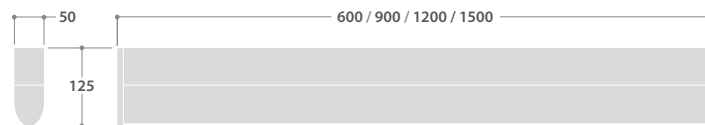
CONTROLS OPTIONS - suffix catalogue number with:
DALI-DIM - DALI dimmable e.g. **SIGMA120023L+DALI-DIM**

EMERGENCY OPTIONS - available on fittings 900mm or longer - suffix catalogue number with:
EM - Standard 3 hour integral / **EM-ST** - Emergency Self-test 3 hour integral / **DALI-EM** - DALI 3 hour integral e.g. **SIGMA120023L+EM**

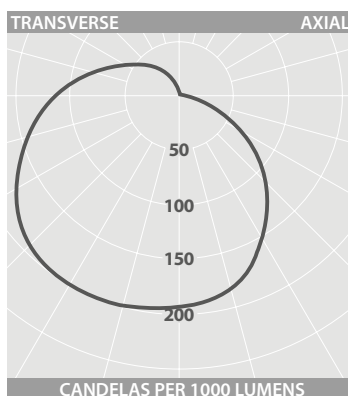
FOR CONTINUOUS MOUNTING- order joint kits as required
Joint Kit Cat No. - SIGMAJK (includes 2 x joining brackets and 1 x joining diffuser cap) and add suffix **+TW** to luminaire catalogue number
 1500mm versions not suitable for continuous mounting

Starter Kit Cat No. - SIGMASTK (includes 2 x end caps and 1 x 1.5m starter lead)
 600 and 900mm versions not suitable for continuous mounting

Dimensions



Photometric Guide



Mounting Arrangement

