



Continuous version

## 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)	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](http://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	<b>SIGMA60011L</b>	600mm	1184	148	3.0
15W	<b>SIGMA60021L</b>		2140	143	
12W	<b>SIGMA90017L</b>	900mm	1776	154	5.0
23W	<b>SIGMA90032L</b>		3220	140	
16W	<b>SIGMA120023L</b>	1200mm	2369	148	6.0
31W	<b>SIGMA120043L</b>		4310	139	
20W	<b>SIGMA150029L</b>	1500mm	2960	148	7.0
33W	<b>SIGMA150046L</b>		4680	142	
44W	<b>SIGMA150062L</b>		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**

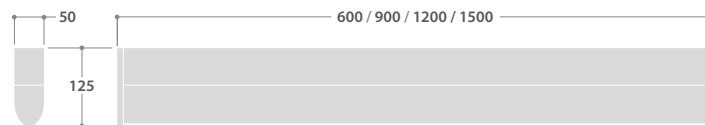
**FOR CONTINUOUS MOUNTING**- order joint kits as required

Joint Kit Cat No. - **SIGMAJK** (includes 2 x joining brackets and 1 x joining diffuser cap) and add suffix **+TW** to luminaire catalogue number  
600 and 900mm versions not suitable for continuous mounting

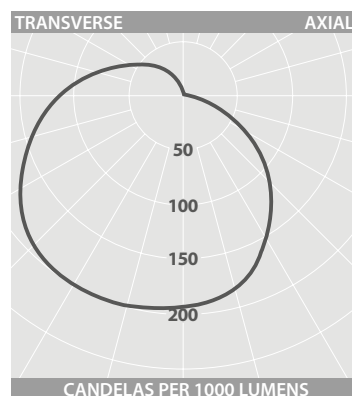
Starter Kit Cat No. - **SIGMASTK** (includes 2 x end caps and 1 x 1.5m starter lead)

600 and 900mm versions not suitable for continuous mounting

## Dimensions



## Photometric Guide



## Mounting Arrangement

