

Sting



The Sting is a trimless downlight and part of the sting family. It tackles glare by using a light source set back from bezel whilst maximizing light output with specular aluminium reflector.

The luminaire has two part installation process. The Sting is supplied with two adjustable mesh wings which allows for the first- fix frame to be installed, plastered and painted first of all. Once the ceiling has been made good the main body of the product can be installed and wired.

Product

Sting	STG
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Lumen Output

1316lm	/1316
1754lm	/1754

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Beam Angle

36° Beam	/36
60° Beam	/60

Mounting

Recessed Trimless

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi	-CA

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Lighting Data

Lumen Output	Wattage	lm/cW
1316lm (4000K)	15.5W	84.9
1754lm (4000K)	20.7W	84.7

CCT	3000K 4000K 6500K
Light Source	COB
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19.0

Technical Data

IP Rating	IP20
Construction	Diecast Aluminium
RAL colour (standard)	N/A
Mounting Method	Recessed Trimless
Protective class	SELV
Impact Resistance (IK)	IK04
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

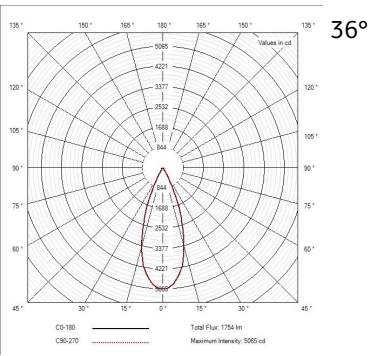
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	89%
Parasitic Load	2.1W
Operating Temperature	-25 +60 °C

Emergency Data

EOF	Lumen Output
20%	237lm
14%	237lm

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry



Dimensions

Cutout	Ø95mm
Dimensions	Ø92 x 120mm
Weight	3.1 kg

