

SERPENS S LED1x2450 G581 T840 OP LO1 SB • 1107485


Product:	Serpens S LED1x2450 G581 T840 OP LO1 SB
Order code:	1107485
Family:	Serpens S LED
Product group:	Aluminium profile luminaires

GENERAL DATA

Description:	Recessed mounted slim profile LED luminaire for in-line connection Light distribution type: direct Optical system: opal polycarbonate diffuser Housing: aluminium Colour: white (RAL9003S)
Installation:	In ceilings with cut-out openings (mounting brackets included), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm ²
Environment	Indoor
Application	office, education, corridor, retail, public place, hotel

ELECTRICAL DATA

Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	23.5
Power factor:	0.95	Control gear:	ECG on/off
Integrated sensor:	None	Surge protection (L to N), kV:	1
Surge protection (L/N to PE), kV:	2	Inrush current (I_{max}/time):	22A/ 136μs
Overvoltage protection:	320V AC, 1h	Connection:	Push-in terminal, 3x2x2.5mm ²

LIGHTING DATA

Light source and cap, W:	LED	Light source included:	yes
Luminaire output*, lm(ta+25°C):	2441	System efficacy, lm/W:	104
CRI (Ra):	80+	CCT, K:	4000
SDCM:	3	Light Distribution:	Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125)
Distribution Type:	Direct	Beam angle, °:	109x109
LED lifetime, h:	50000/L80B10	Ripple current (≤120 Hz), %:	≤1

TECHNICAL DATA

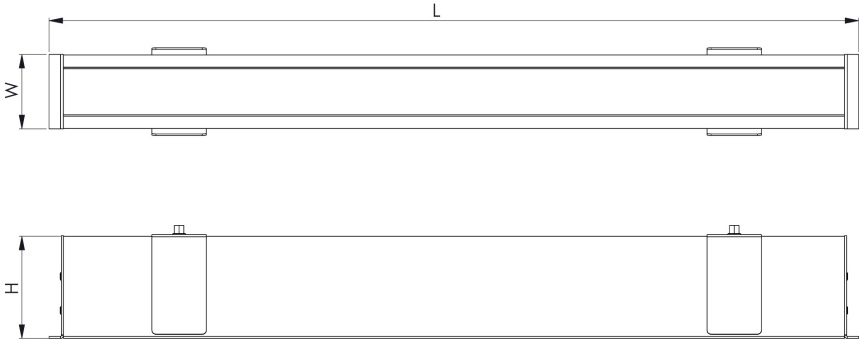
Net weight, kg:	4.6	Mounting holes/cut-out dimensions, mm:	2263x45
Quantity in package, pcs:	1	Packaging volume, m³/pcs:	0.0071
Pallet quantity, pcs:	84		
Dimensions, mm:	2275x55x75		

STANDARDS

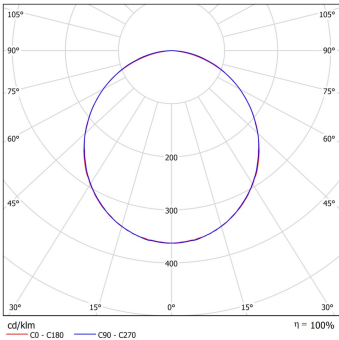
Operating temperature range, °C:	ta 0...+35	Protection class IEC:	I
Ingress protection code:	IP40	Mechanical impact resistance:	IK05

Glow wire test, °C:	650	EEC:	E
Certificates:	CE, UKCA, RoHS	Warranty:	3 years (5 years – see warranty Ts and Cs)

Technical drawing (.jpg)



Light distribution curve (.jpg)



Note:	Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25 C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification. Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.
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