

SERPENS LED1X8900 J669 T830 DPRZ LT80 LO4 SB • 1116600

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Product:	Serpens LED1x8900 J669 T830 DPRZ LT80 LO4 SB
Order code:	1116600
Family:	Serpens LED
Product group:	Aluminium profile luminaires

GENERAL DATA

Description:	A recessed medium profile LED luminaire for in-line connection Light distribution type: direct Optical system: matt micro-prismatic polycarbonate diffuser, low glare 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, 3x2x2.5mm2
Environment	Indoor
Application	office, education, corridor, retail, public place, hotel

ELECTRICAL DATA

Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	83.2
Power factor:	0.99	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 (Imax/time):	18A / 44µs
Connection:	Push-in terminal, 3x2x2.5mm2		

LIGHTING DATA

Light source and cap, W:	LED	Light source included:	yes
Luminaire output*, lm(ta+25°C):	8475	System efficacy, lm/W:	102
CRI (Ra):	80+	CCT, K:	3000
SDCM:	3	Light Distribution:	Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125)
Distribution Type:	Direct	Beam angle, °:	87x90
LED lifetime, h:	50000/L80B10	Ripple current (≤120 Hz), %:	≤2

TECHNICAL DATA

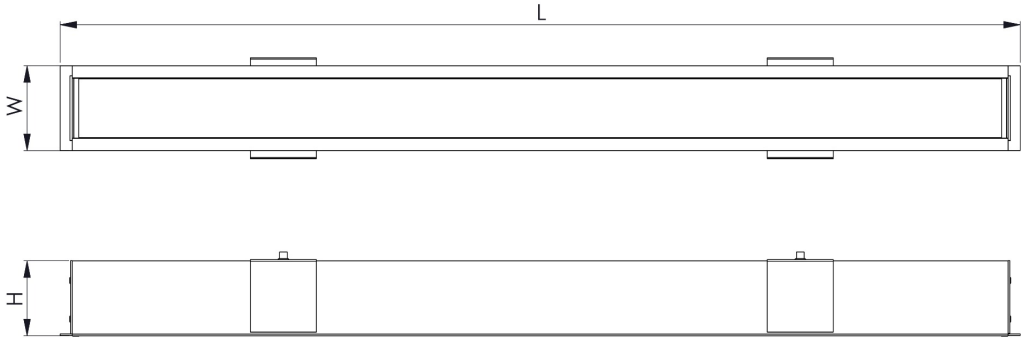
Net weight, kg:	5.4	Mounting holes/cut-out dimensions, mm:	2542x68
Quantity in package, pcs:	1	Packaging volume, m3/pcs:	0.0182
Pallet quantity, pcs:	160		
Dimensions, mm:	2552x77x68		

STANDARDS

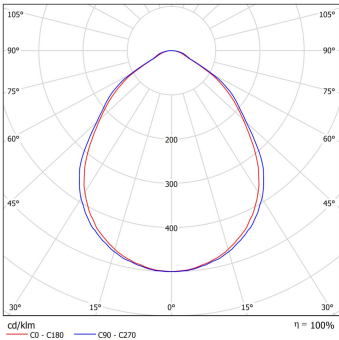
Operating temperature range, °C:	ta -15...+35	Protection class IEC:	I
Ingress protection code:	IP40	Mechanical impact resistance:	IK05

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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