

HERMETIC R LED1X6000 D165 T830 OP LT80 • 1100936


Product:	Hermetic R LED1x6000 D165 T830 OP LT80
Order code:	1100936
Family:	Hermetic R LED
Product group:	Waterproof and cleanroom luminaires

GENERAL DATA

Description:	Recessed mounted cleanroom LED luminaire Light distribution type: direct Optical system: opal acrylic diffuser, good chemical resistance Housing: steel Colour: white (RAL9003)
Installation:	In modular suspended ceilings (600/625), in ceilings with cut-out openings (mounting brackets to be ordered separately). Push-in terminal, 3x2x2.5mm ²
Environment	Indoor
Application	industry, healthcare, laboratory

ELECTRICAL DATA

Mains voltage:	220-240V, 50/60Hz	System power*, W:	56.6
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):	33 A/ 250µs
Overvoltage protection:	320V AC, 48h	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):	6207	System efficacy, lm/W:	110
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, °:	106x106
LED lifetime, h:	100000/L80B10	Ripple current (≤120 Hz), %:	≤3

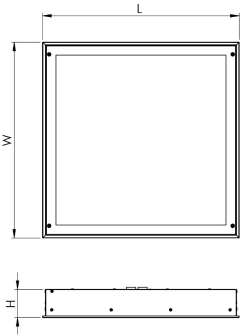
TECHNICAL DATA

Net weight, kg:	4.4	Quantity in package, pcs:	1
Packaging volume, m³/pcs:	0.0316	Pallet quantity, pcs:	30
Dimensions, mm:	595x595x75		

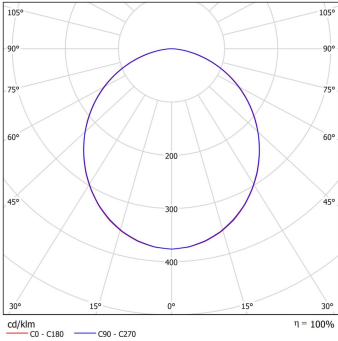
STANDARDS

Operating temperature range, °C:	ta -10...+35	Protection class IEC:	I
Ingress protection code:	IP65	Mechanical impact resistance:	IK05
EEC:	E	Certificates:	CE, UKCA, RoHS
Warranty:	3 years (5 years - see warranty)		

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.