

ARCTIC S LED1X5100 D846 T840 • 1100930


Product:	Arctic S LED1x5100 D846 T840
Order code:	1100930
Family:	Arctic S LED
Product group:	Waterproof and cleanroom luminaires

GENERAL DATA

Description:	Surface mounted cleanroom LED luminaire Light distribution type: direct Diffuser: double parabolic reflector, UGR≤19, clear acrylic diffuser, good chemical resistance Housing: steel Colour: white (RAL9003)
Installation:	On the ceiling. Push-in terminal, 3x2x2.5mm2
Environment	Indoor
Application	industry, healthcare, laboratory

ELECTRICAL DATA

Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	42.7
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 (Imax/time):	50A 200µs
Overvoltage protection:	320V AC, 1h	Connection:	Push-in terminal, 3x2x2.5mm2

LIGHTING DATA

Light source and cap, W:	LED	Light source included:	yes
Luminaire output*, lm(ta+25°C):	5063	System efficacy, lm/W:	119
CRI (Ra):	80+	CCT, K:	4000
SDCM:	3	Light Distribution:	Medium-wide beam (C0-C180 plane 31°...75°, C90-C270 plane 76°...125°)
Distribution Type:	Direct	Beam angle, °:	69x87
UGR index:	≤19	LED lifetime, h:	75000/L80B50
Ripple current (≤120 Hz), %:	≤5		

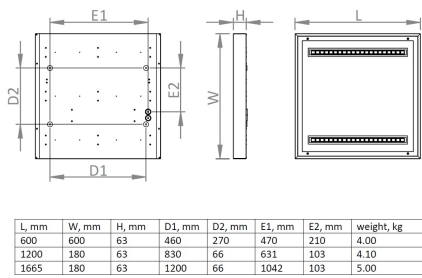
TECHNICAL DATA

Net weight, kg:	5	Quantity in package, pcs:	1
Packaging volume, m3/pcs:	0.0224	Pallet quantity, pcs:	60
Dimensions, mm:	1665x180x60		

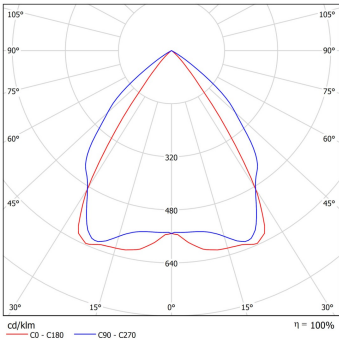
STANDARDS

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

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