NORTHCLIFFE
MAKING LIFE BRIGHTER

ARCTIC S LED1X4600 D845 T830 • 1100922



Product:	Arctic S LED1x4600 D845 T830
Order code:	1100922
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)
Instalation:	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:**	38.6
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 (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):	4436	**System efficacy, lm/W:**	115
CRI (Ra):	80+	**CCT, K:**	3000
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), %:	≤3		

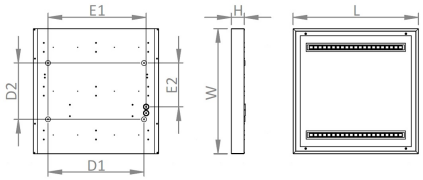
TECHNICAL DATA

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

STANDARDS

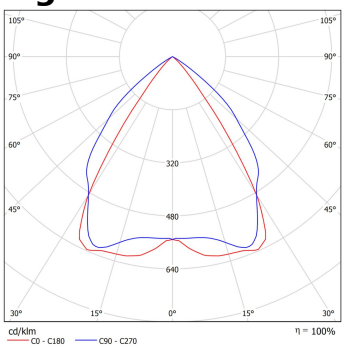
Operating temperature range, °C:	ta -10...+35	**Protection class IEC:**	I
Ingress protection code:	IP65	**Mechanical impact resistance:**	IK05
EEC:	D	**Certificates:**	CE, RoHS
Warranty:	3 years		

Technical drawing (.jpg)



L, mm	W, mm	H, mm	D1, mm	D2, mm	E1, mm	E2, mm	weight, kg
600	600	63	460	270	470	210	4.00
1200	180	63	830	66	631	103	4.10
1665	180	63	1200	66	1042	103	5.00

Light distribution curve (.jpg)



Note:	Tolerance range for optical and electrical data: ±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