

BARAT LED1X4600 G243 T840 PC/PC OP LT80 • 1105239



Product:	Barat LED1x4600 G243 T840 PC/PC OP LT80
Order code:	1105239
Family:	Barat LED
Product group:	Waterproof and cleanroom luminaires

GENERAL DATA

Description:	Surface mounted or suspended waterproof LED luminaire Light distribution type: direct Optical system: opal polycarbonate diffuser, UV stable, impact resistant Housing: polycarbonate Colour: light grey
Installation:	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm2
Environment	Indoor/outdoor with roof
Application	public place, industry, warehouse, hall, parking area, sports, transport terminal

ELECTRICAL DATA

Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	27.5
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 (Imax/time):	23A/ 140µs
Overvoltage protection:	330V AC, 1h	Connection:	Push-in terminal, 5x2x2.5mm2

LIGHTING DATA

Light source and cap, W:	LED	Light source included:	yes
Luminaire output*, lm (ta+25°C):	4556	System efficacy, lm/W:	166
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, °:	125x103
LED lifetime, h:	100000/L80B50	Ripple current (≤120 Hz), %:	≤1

TECHNICAL DATA

Net weight, kg:	2.1	Quantity in package, pcs:	1
Packaging volume, m3/pcs:	0.016571192	Pallet quantity, pcs:	84
Dimensions, mm:	1272x96x111		

STANDARDS

Operating temperature range, °C:	ta -20...+35	Protection class IEC:	I
Ingress protection code:	IP66	Mechanical impact resistance:	IK10
Protection symbol:	D	Glow wire test, °C:	850

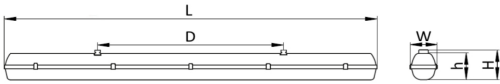
EEC: A++

Certificates:

CE, RoHS

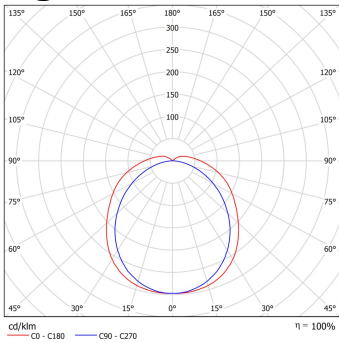
Warranty: 3 years

Technical drawing (.jpg)



L, mm	W, mm	H, mm	D, mm	h, mm
662	96	111	350	100
	146			
1272	96			
	146			
1572	96			
	146			

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