

BARAT LED1X2850 G241 T840 PC/PC OP LT80 • 1105237


Product:	Barat LED1x2850 G241 T840 PC/PC OP LT80
Order code:	1105237
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:	17.3
Power factor:	>0,90	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/ 176µs
Overvoltage protection:	320V 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):	2847	System efficacy, lm/W:	165
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/L80B10	Ripple current (≤120 Hz), %:	≤2

TECHNICAL DATA

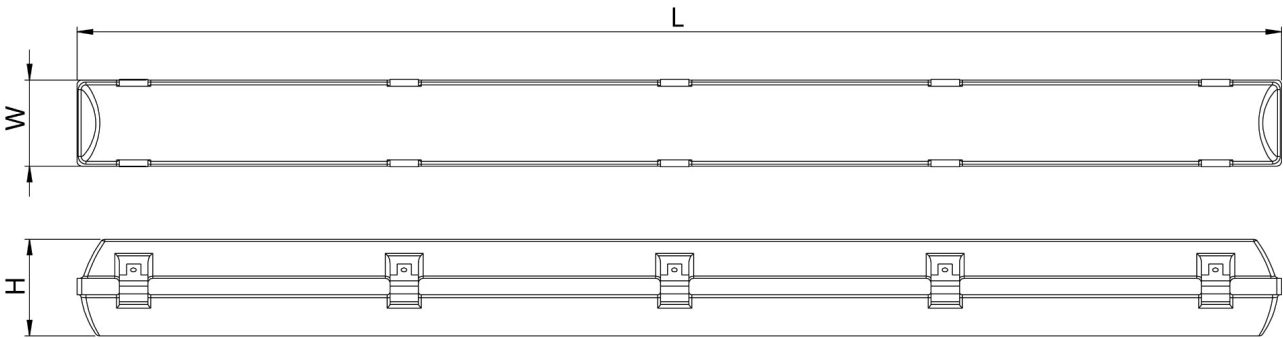
Net weight, kg:	2.1	Quantity in package, pcs:	1
Packaging volume, m3/pcs:	0.0166	Pallet quantity, pcs:	84
Dimensions, mm:	1272x96x111		

STANDARDS

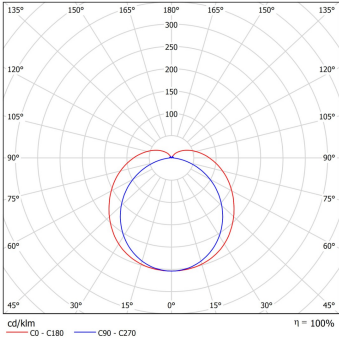
Operating temperature range, °C:	ta -20...+40	Protection class IEC:	I
Ingress protection code:	IP66	Mechanical impact resistance:	IK10
Protection symbol:	D	Glow wire test, °C:	850

EEC:	B	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.
-------	---