

BARAT LED1X1900 C102 T840 PC/PC OP IC EX • 1019911


Product:	Barat LED1x1900 C102 T840 PC/PC OP IC Ex
Order code:	1019911
Family:	Barat LED Ex
Product group:	Explosion-proof luminaires

GENERAL DATA

Description:	Surface mounted explosion-proof LED luminaire Light distribution type: direct Optical system: opal polycarbonate diffuser, impact resistant Housing: polycarbonate, stainless steel clips Colour: light grey Marking of explosion-protection: II 3G Ex nA IIC T6 Gc; II 3D Ex tD IIIC T85 C IP66 Dc Explosion group: Gas: IIC, IIB, IIA Dust: IIIC, IIIB, IIIA Hazardous zones: 2, 22
Installation:	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 3x2x2.5mm ² . Cable diameter: Ø7-13mm
Environment	Indoor
Application	industry

ELECTRICAL DATA

Mains voltage:	220-240V, 50/60Hz	System power*, W:	17.2
Power factor:	>0,95	Control gear:	ECG on/off
Integrated sensor:	None	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):	1884	System efficacy, lm/W:	110
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, °:	123x102
LED lifetime, h:	75000/L80B50		

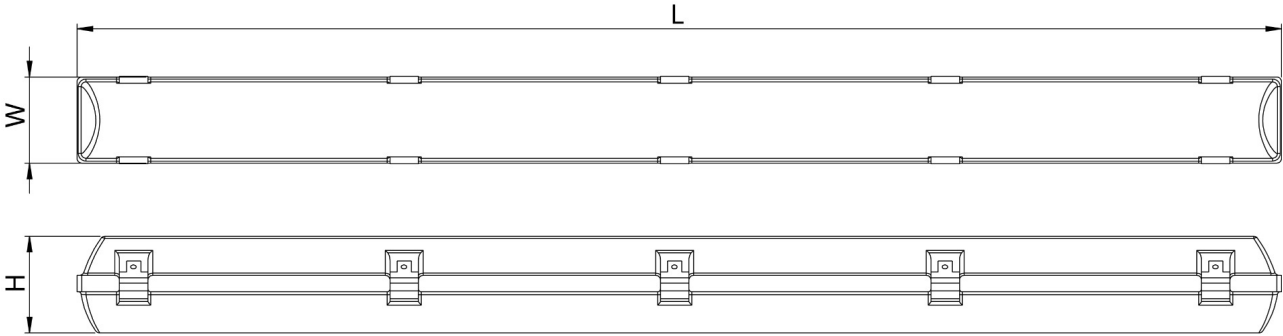
TECHNICAL DATA

Net weight, kg:	1.3	Quantity in package, pcs:	1
Packaging volume, m3/pcs:	0.0087	Pallet quantity, pcs:	120
Dimensions, mm:	662x96x111		

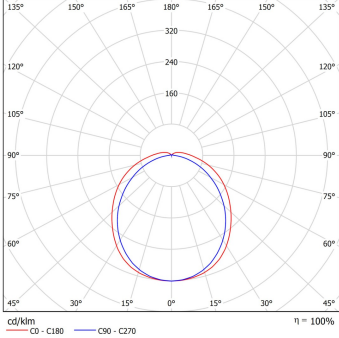
STANDARDS

Operating temperature range, °C:	ta -25...+40	Protection class IEC:	I
Ingress protection code:	IP66	Mechanical impact resistance:	IK08
EEC:	E	Certificates:	CE, UKCA, RoHS, ATEX
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.