

BARAT LED2X1900 C105 T840 PC/PC OP IC EX • 1019913


Product:	Barat LED2x1900 C105 T840 PC/PC OP IC Ex
Order code:	1019913
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, 0/50/60Hz	System power*, W:	32.4
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 (I_{max}/time):	22A/ 191µs
Overvoltage protection:	320V AC, 1h	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):	3768	System efficacy, lm/W:	116
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, °:	118x103
LED lifetime, h:	75000/L80B50	Ripple current (≤120 Hz), %:	±5

TECHNICAL DATA

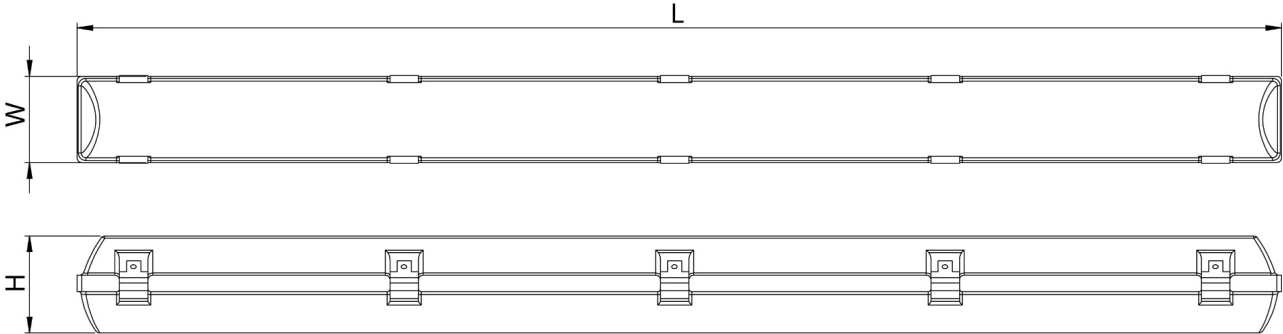
Net weight, kg:	1.8	Quantity in package, pcs:	1
Packaging volume, m³/pcs:	0.0129	Pallet quantity, pcs:	104
Dimensions, mm:	662x146x111		

STANDARDS

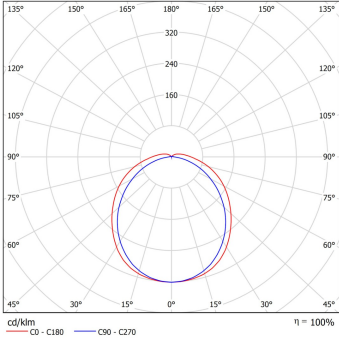
Operating temperature range, °C:	ta -25...+40	Protection class IEC:	I
Ingress protection code:	IP66		

Mechanical impact resistance:	IK08		
EEC:	D	Certificates:	CE, UKCA, RoHS, ATEX
Warranty:	3 years (5 years – see warranty Ts and Cs)		

Technical drawing (.jpg)



Light distribution curve (.jpg)



Note:	<p>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. Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.</p>
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