

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

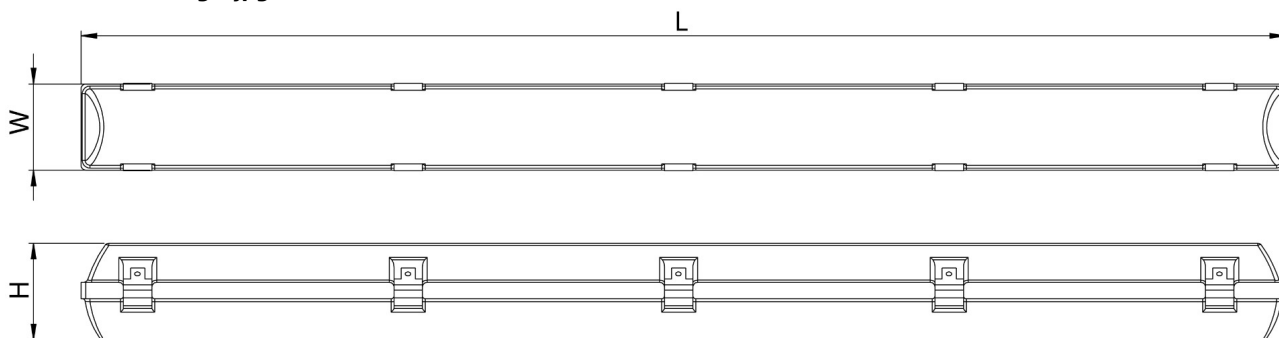
Operating temperature range, °C:	ta -25...+40	Protection class IEC:	I
Ingress protection code:	IP66		

Mechanical impact resistance: IK08

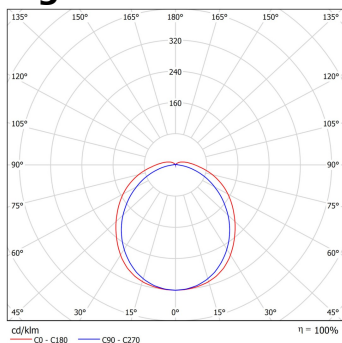
EEC: D **Certificates:** CE, RoHS, ATEX

Warranty: 3 years

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