

**BARAT LED1X3200 C113 T840 PC/PC OP IC EX • 1019918**


Product:	Barat LED1x3200 C113 T840 PC/PC OP IC Ex
Order code:	1019918
Family:	Barat LED Ex
Product group:	Explosion-proof luminaires

**GENERAL DATA**

<b>Description:</b>	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
<b>Installation:</b>	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 3x2x2.5mm <sup>2</sup> . Cable diameter: Ø7-13mm
<b>Environment</b>	Indoor
<b>Application</b>	industry

**ELECTRICAL DATA**

<b>Mains voltage:</b>	220-240V, 0/50/60Hz	<b>System power*, W:</b>	27.3
<b>Power factor:</b>	>0,90	<b>Control gear:</b>	ECG on/off
<b>Integrated sensor:</b>	None	<b>Surge protection (L to N), kV:</b>	1
<b>Surge protection (L/N to PE), kV:</b>	2	<b>Inrush current (Imax/time):</b>	23A/ 176µs
<b>Overvoltage protection:</b>	320V AC, 1h	<b>Connection:</b>	Push-in terminal, 3x2x2.5mm <sup>2</sup>

**LIGHTING DATA**

<b>Light source and cap, W:</b>	LED	<b>Light source included:</b>	yes
<b>Luminaire output*, lm(ta+25°C):</b>	3473	<b>System efficacy, lm/W:</b>	127
<b>CRI (Ra):</b>	80+	<b>CCT, K:</b>	4000
<b>SDCM:</b>	3	<b>Light Distribution:</b>	Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125 )
<b>Distribution Type:</b>	Direct	<b>Beam angle, °:</b>	123x102
<b>LED lifetime, h:</b>	75000/L80B50	<b>Ripple current (≤120 Hz), %:</b>	±5

**TECHNICAL DATA**

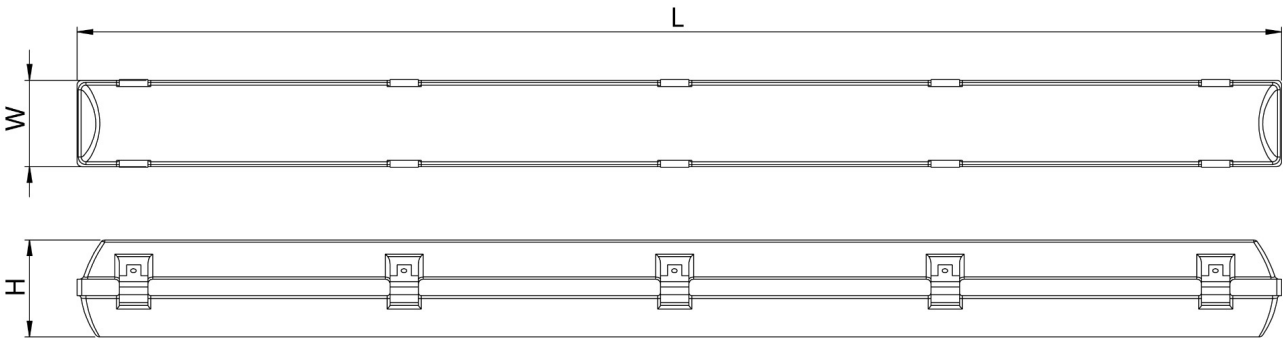
<b>Net weight, kg:</b>	2.6	<b>Quantity in package, pcs:</b>	1
<b>Packaging volume, m3/pcs:</b>	0.0204	<b>Pallet quantity, pcs:</b>	84
<b>Dimensions, mm:</b>	1572x96x111		

**STANDARDS**

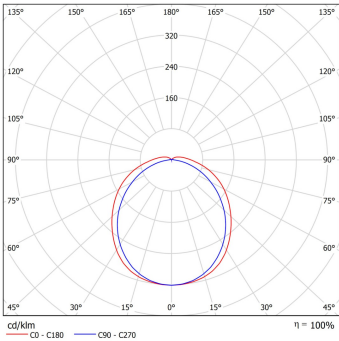
<b>Operating temperature range, °C:</b>	ta -25...+40	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP66		

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:	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.
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