

**BARAT LED2X2600 C110 T840 PC/PC OP IC EX • 1019916**



Product:	Barat LED2x2600 C110 T840 PC/PC OP IC Ex
Order code:	1019916
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>	43.8
<b>Power factor:</b>	>0,95	<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 (I<sub>max</sub>/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>	5558	<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>	118x103
<b>LED lifetime, h:</b>	75000/L80B50	<b>Ripple current (≤120 Hz), %:</b>	±5

**TECHNICAL DATA**

<b>Net weight, kg:</b>	2.8	<b>Quantity in package, pcs:</b>	1
<b>Packaging volume, m<sup>3</sup>/pcs:</b>	0.0244	<b>Pallet quantity, pcs:</b>	60
<b>Dimensions, mm:</b>	1272x146x111		

**STANDARDS**

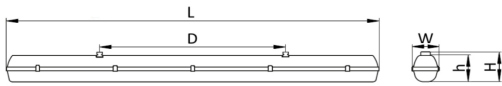
<b>Operating temperature range, °C:</b>	ta -25...+40	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP66		

**Mechanical impact resistance:** IK08

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

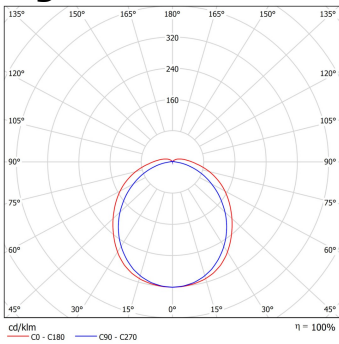
**Warranty:** 3 years

**Technical drawing (.jpg)**



L, mm	W, mm	H, mm	D, mm	h, mm
662	96	111	350	100
	146			
1272	96			
	146			
1572	96			
	146			

**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