

**BARAT LED1X12050 G252 T830 PC/PC OP LT80 • 1105231**


Product:	Barat LED1x12050 G252 T830 PC/PC OP LT80
Order code:	1105231
Family:	Barat LED
Product group:	Waterproof and cleanroom luminaires

**GENERAL DATA**

<b>Description:</b>	Surface mounted or suspended waterproof LED luminaire Light distribution type: direct Optical system: opal polycarbonate diffuser, UV stable, impact resistant Housing: polycarbonate Colour: light grey
<b>Installation:</b>	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm2
<b>Environment</b>	Indoor/outdoor with roof
<b>Application</b>	public place, industry, warehouse, hall, parking area, sports, transport terminal

**ELECTRICAL DATA**

<b>Mains voltage:</b>	220-240V, 0/50/60Hz	<b>System power*, W:</b>	71.1
<b>Power factor:</b>	>0,97	<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>	57.7 A / 217 µs
<b>Overvoltage protection:</b>	320 V AC, 48 h	<b>Connection:</b>	Push-in terminal, 5x2x2.5mm2

**LIGHTING DATA**

<b>Light source and cap, W:</b>	LED	<b>Light source included:</b>	yes
<b>Luminaire output*, lm(ta+25°C):</b>	11358	<b>System efficacy, lm/W:</b>	160
<b>CRI (Ra):</b>	80+	<b>CCT, K:</b>	3000
<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>	125x103
<b>LED lifetime, h:</b>	100000/L80B10	<b>Ripple current (≤120 Hz), %:</b>	≤3

**TECHNICAL DATA**

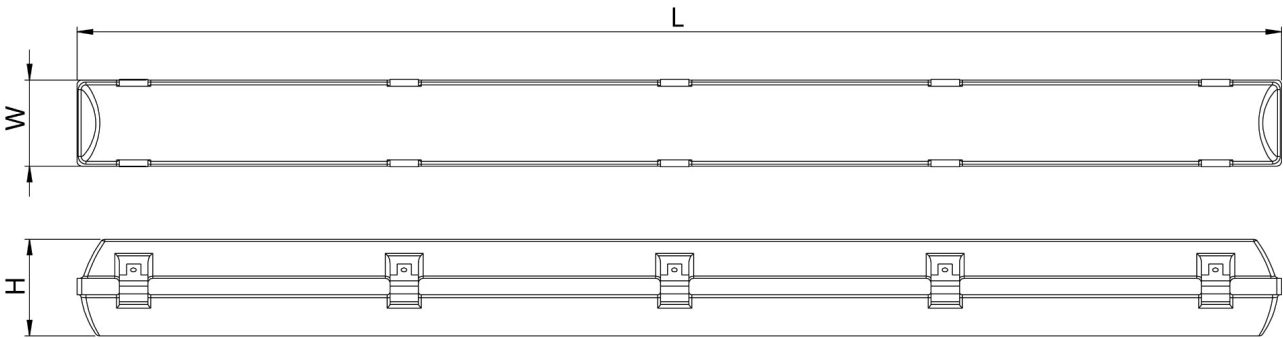
<b>Net weight, kg:</b>	2.6	<b>Quantity in package, pcs:</b>	1
<b>Packaging volume, m3/pcs:</b>	0.0204	<b>Pallet quantity, pcs:</b>	84
<b>Dimensions, mm:</b>	1572x96x111		

**STANDARDS**

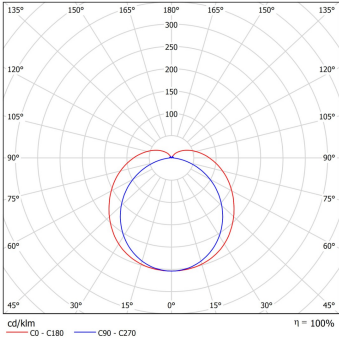
<b>Operating temperature range, °C:</b>	ta -20...+35	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP66	<b>Mechanical impact resistance:</b>	IK10
<b>Protection symbol:</b>	D	<b>Glow wire test, °C:</b>	850

EEC:	B	Certificates:	CE, UKCA, RoHS
Warranty:	3 years (5 years – see warranty Ts and Cs)		

Technical drawing (.jpg)



Light distribution curve (.jpg)



<b>Note:</b>	<p>Tolerance range for optical and electrical data: <math>\pm 10\%</math>. 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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