

BARAT LED1X3750 G242 T830 PC/PC OP LT80 • 1105221



Product:	Barat LED1x3750 G242 T830 PC/PC OP LT80		
Order code:	1105221		
Family:	Barat LED		
Product group:	Waterproof and cleanroom luminaires		

GENERAL DATA

Description:	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		
Instalation:	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm2		
Environment	Indoor/outdoor with roof		
Application	public place, industry, warehouse, hall, parking area, sports, transport terminal		

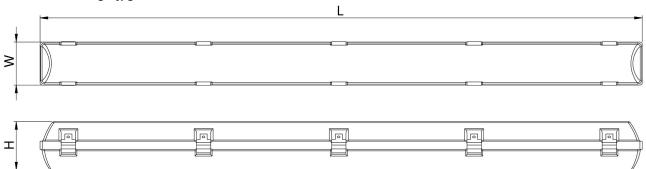
ELECTRICAL DATA

Power factor: >0,90 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 (Imax/time): 23A/ 140µs kV: 2 Inrush current (Imax/time): 23A/ 140µs Covervoltage protection: 3300 AC, 1h Connection: Push-in terminal, 5x2x2.5mm2 LIGHTING DATA Light source included: yes Luminaire output*, Im(ta+25°C): 3523 System efficacy, Im/W: 161 CRI (Ra): 80+ CCT, K: 3000 SDCM: 3 Light Distribution: Wide-wide beam (C0-C180 plane 76125) c.90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125x103 LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm:				
Surge protection (L to N), kV: 1	Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	21.9
Surge protection (L/N to PE), 2 Inrush current (Imax/time): 23A/ 140µs kV: Overvoltage protection: 330V AC, 1h Connection: Push-in terminal, 5x2x2.5mm2 LIGHTING DATA Light source and cap, W: LED Light source included: yes Luminaire output*, 3523 System efficacy, Im/W: 161 Im(ta+25°C): CRI (Ra): 80+ CCT, K: 3000 SDCM: 3 Light Distribution: Wide-wide beam (C0-C180 plane 76125 , C90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125x103 LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272x96x111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10	Power factor:	>0,90	Control gear:	ECG on/off
kV: Overvoltage protection: 330V AC, 1h Connection: Push-in terminal, 5x2x2.5mm2 LLIGHTING DATA LED Light source included: yes Luminaire output*, Im(ta+25°C): 3523 System efficacy, Im/W: 161 CRI (Ra): 80+ CCT, K: 3000 SDCM: 3 Light Distribution: Wide-wide beam (C0-C180 plane 76125 , C90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125x103 LED lifetime, h: 100000/L80810 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272x96x111 STANDARDS Operating temperature range, °C: ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10	Integrated sensor:	None	Surge protection (L to N), kV:	1
LIGHTING DATA Light source and cap, W: LED Light source included: yes Luminaire output*, 3523 System efficacy, Im/W: 161 Im(ta+25°C): CRI (Ra): 80+ CCT, K: 3000 SDCM: 3 Wide-wide beam (C0-C180 plane 76125 , C90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125x103 LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272x96x111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10	Surge protection (L/N to PE), kV:	2	Inrush current (Imax/time):	23A/ 140μs
Light source and cap, W: LED Light source included: yes Luminaire output*, 3523 System efficacy, Im/W: 161 Im(ta+25°C): CRI (Ra): 80+ CCT, K: 3000 SDCM: 3 Light Distribution: Wide-wide beam (C0-C180 plane 76125 , C90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125×103 LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272×96×111 STANDARDS Operating temperature ta -20+40 Protection class IEC: K10 Imgress protection code: IP66 Mechanical impact resistance: K10	Overvoltage protection:	330V AC, 1h	Connection:	Push-in terminal, 5x2x2.5mm2
Luminaire output*,	LIGHTING DATA			
Market	Light source and cap, W:	LED	Light source included:	yes
Light Distribution: Wide-wide beam (C0-C180 plane 76125 , C90-C270 plane 76125) Distribution Type: Direct Beam angle, °: 125×103 LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272×96×111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact IK10 resistance: IK10 IK10 Ripple current (≤120 Hz), %: ≤1 Contact Contact IK10 IK10 Contact IK10	•	3523	System efficacy, lm/W:	161
Technical Direct Beam angle, °: 125x103 125x103	CRI (Ra):	80+	сст, к:	3000
LED lifetime, h: 100000/L80B10 Ripple current (≤120 Hz), %: ≤1 TECHNICAL DATA Net weight, kg: 2.1 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272x96x111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10	SDCM:	3	Light Distribution:	76125 , C90-C270 plane 76
Net weight, kg: 2.1 Quantity in package, pcs: Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: STANDARDS Operating temperature range, °C: Ingress protection code: IP66 Mechanical impact resistance:	Distribution Type:	Direct	Beam angle, °:	125x103
Net weight, kg: 2.1 Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 1272x96x111 STANDARDS Operating temperature range, °C: Ingress protection code: IP66 Quantity in package, pcs: Pallet quantity, pcs: 84 Protection class IEC: I I I I I I I I I I I I I	LED lifetime, h:	100000/L80B10	Ripple current (≤120 Hz), %:	≤1
Packaging volume, m3/pcs: 0.0166 Pallet quantity, pcs: 84 Dimensions, mm: 1272x96x111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10	TECHNICAL DATA			
Dimensions, mm: 1272x96x111 STANDARDS Operating temperature ta -20+40 Protection class IEC: I I I I I I I I I I I I I I I I I I I	Net weight, kg:	2.1	Quantity in package, pcs:	1
STANDARDS Operating temperature ta -20+40 Protection class IEC: I I I I I I I I I I I I I I I I I I I	Packaging volume, m3/pcs:	0.0166	Pallet quantity, pcs:	84
Operating temperature ta -20+40 Protection class IEC: I range, °C: Ingress protection code: IP66 Mechanical impact resistance: IK10	Dimensions, mm:	1272x96x111		
range, °C: Ingress protection code: IP66 Mechanical impact IK10 resistance:	STANDARDS			
resistance:	• •	ta -20+40	Protection class IEC:	I
Protection symbol: D Glow wire test, °C: 850	Ingress protection code:	IP66	<u>-</u>	IK10
	Protection symbol:	D	Glow wire test, °C:	850

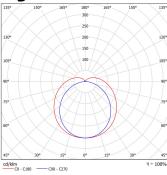


Warranty: 3 years (5 years – see warranty Ts and Cs)

Technical drawing (.jpg)



Light distribution curve (.jpg)



Note:

Tolerance range for optical and electrical data: ±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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