

BARAT LED1X12050 G252 T840 PC/PC OP LT80 • 1105248



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|----------------|------------------------------------------|
| Product: | Barat LED1x12050 G252 T840 PC/PC OP LT80 |
| Order code: | 1105248 |
| 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 |
| Installation: | 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

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

LIGHTING DATA

| | | | |
|-----------------------------------------|---------------|-------------------------------------|----------------------------------------------------------------------|
| Light source and cap, W: | LED | Light source included: | yes |
| Luminaire output*, lm (ta+25°C): | 12035 | System efficacy, lm/W: | 169 |
| 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, °: | 125x103 |
| LED lifetime, h: | 100000/L80B50 | Ripple current (≤120 Hz), %: | ≤5 |

TECHNICAL DATA

| | | | |
|----------------------------------|-------------|----------------------------------|----|
| Net weight, kg: | 2.6 | Quantity in package, pcs: | 1 |
| Packaging volume, m3/pcs: | 0.020418992 | Pallet quantity, pcs: | 84 |
| Dimensions, mm: | 1572x96x111 | | |

STANDARDS

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

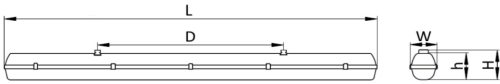
EEC: A++

Certificates:

CE, RoHS

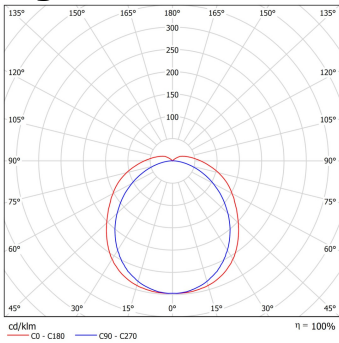
Warranty: 3 years

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

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