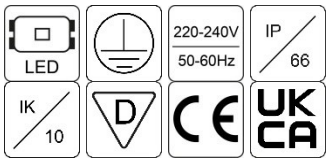
BARAT LED
H range

Waterproof and Cleanroom Luminaires





Description:	Surface mounted or suspended waterproof LED luminaire, basic version Light distribution type: direct Optical system: opal polycarbonate diffuser, UV stable, impact resistant Housing: polycarbonate Colour: light grey
General data:	Mains voltage: 220-240V, 50/60Hz LED lifetime, h: 50000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP66 Mechanical impact resistance: IK10 Protection symbol: D Glow wire test, °C: 850 Operating temperature range, °C: ta -20…+35
Installation:	On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm2
Environment:	Indoor/outdoor with roof
Application:	Industry, warehouse, hall, sports, public place, parking area, transport terminal, parking area





Supplied with two fixing brackets for easy installation, sealing washer and accessories for chain or wire suspension.



Suspension mounting kit for Barat, Proof and Nord LED luminaires with two 1.5 or 3.0 meter cables is available on request. For more information see the accessories list.

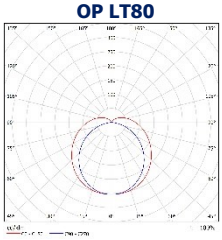
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Barat LED1x2300 H117 T830 PC/PC OP LT80	662	96	111	2167	15,3	141	80+	3000	1,30
Barat LED1x2700 H118 T830 PC/PC OP LT80	662	96	111	2554	18,6	138	80+	3000	1,30
Barat LED1x3750 H119 T830 PC/PC OP LT80	1272	96	111	3574	26,1	137	80+	3000	2,10
Barat LED1x5350 H120 T830 PC/PC OP LT80	1272	96	111	5108	36,7	139	80+	3000	2,10
Barat LED1x4700 H211 T830 PC/PC OP LT80	1572	96	111	4468	31,8	140	80+	3000	2,10
Barat LED1x6700 H122 T830 PC/PC OP LT80	1572	96	111	6385	45,4	141	80+	3000	2,60
Barat LED 1x8700 H124 T830 PC/PC OP LT80	1572	96	111	8278	59,0	140	80+	3000	2,60
Barat LED1x2300 H117 T840 PC/PC OP LT80 1G	662	96	111	2268	15,3	148	80+	4000	1,30
Barat LED1x2700 H118 T840 PC/PC OP LT80 1G	662	96	111	2674	18,6	144	80+	4000	1,30
Barat LED1x3750 H119 T840 PC/PC OP LT80 1G	1272	96	111	3742	26,1	144	80+	4000	2,10
Barat LED1x5350 H120 T840 PC/PC OP LT80 1G	1272	96	111	5348	36,7	146	80+	4000	2,10
Barat LED1x4700 H211 T840 PC/PC OP LT80	1572	96	111	4678	31,8	147	80+	4000	2,10
Barat LED1x6700 H122 T840 PC/PC OP LT80 1G	1572	96	111	6685	45,4	147	80+	4000	2,60
Barat LED 1x8700 H124 T840 PC/PC OP LT80	1572	96	111	8666	59,0	147	80+	4000	2,60

**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*

Available options:

DALI	Driver with DALI interface and switch-control dimming
**note - for DALI LIN option wires are 2x0.5mm2*	
COR	Driver with Corridor function (never off)
COR1min	Driver with Corridor function 1min (switch off after 1 min.)
COR30min	Driver with Corridor function 30min (switch off after 30 min.)
MW	Integrated microwave (MW) motion sensor with on-off control
MWRFM+	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, dimming control.
MWRFM+off	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, (no dimming control).
MWRFM	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transmitter. Sensor can serve as master. Functions: Staircase, Corridor, dimming control.
MWRFS+	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor, dimming control.
MWRFS+off	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor (no dimming control).
MWRFS	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor, (no dimming control).
**note - all MWRFM and MWRFS options not applicable for models: H117, H118*	

OP LT80



HBPIR7m	Integrated PIR and LUX level sensing sensor for high eiling (up to 7 meters) with on-off control
**note - Luminaire with integrated HBPIR7m sensor protection degree is IP65*	
EM3	Emergency version 3 hours
EM3B	Emergency version 3 hours (best available technology)
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3Atmin-25	Emergency version equipped with an autonomous testing system, 3 hours. Suitable for low ambient temperatures up to -25°C
EM3D	Emergency version 3 hours with DALI interface
**note - options EM3A, EM3Atmin25 and EM3D not applicable for models: H117, H118*	
**note - Operating temperature range for Luminaires with EM option,°C: ta 0... +35*	
1LIN	Through wiring 3x1.5 mm² with two push-in terminal blocks
3LIN	Through wiring 5x1.5 mm² with two push-in terminal blocks
1LIN2.5	Through wiring 3x2.5 mm² with two push-in terminal blocks
3LIN2.5	Through wiring 5x2.5 mm² with two push-in terminal blocks
**note - LIN options applicable for models longer than 800mm*	
1G	Strain relief for power supply cable
2G	Strain relief for power supply cable, 2pcs
II	Electric shock protection class II
IC	Stainless steel clips
OP LT80	Opal diffuser with high light transmittance
T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+

Available accessories:



Product: Suspension MTG KIT - Barat/Proof/Nord LED 1.5m
Description: Suspension kit for Barat/Proof/Nord LED luminaires, 1.5 meter, 2pcs



Product: Suspension MTG KIT - Barat/Proof/Nord LED 3.0m
Description: Suspension kit for Barat/Proof/Nord LED luminaires, 3.0 meter , 2pcs

Applications:

