NORTHCLIFFE
MAKING LIFE BRIGHTER

BARAT LED1X2700 H118 T840 PC/PC OP LT80 1G • 1107703



Product:	Barat LED1x2700 H118 T840 PC/PC OP LT80 1G
Order code:	1107703
Family:	Barat LED
Product group:	Waterproof and cleanroom luminaires

GENERAL DATA

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
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

Mains voltage:	220-240V, 0/50/60Hz	**System power*, W:**	17.8
Power factor:	0.95	**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):**	25A/ 250µs
Connection:	Push-in terminal, 5x2x2.5mm2		

LIGHTING DATA

Light source and cap, W:	LED	**Light source included:**	yes
Luminaire output*, lm(ta+25°C):	2674	**System efficacy, lm/W:**	150
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:	50000/L80B10	**Ripple current (≤120 Hz), %:**	≤5

TECHNICAL DATA

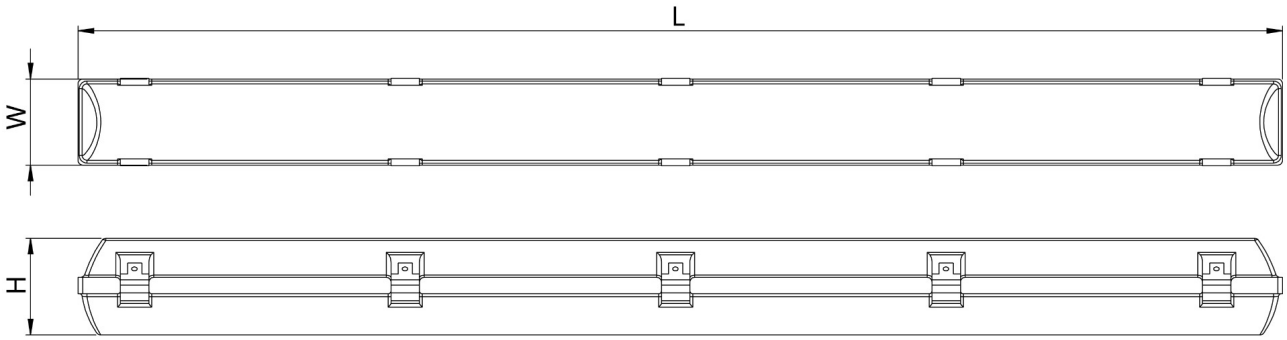
Net weight, kg:	1.3	**Quantity in package, pcs:**	1
Packaging volume, m3/pcs:	0.0087	**Pallet quantity, pcs:**	120
Dimensions, mm:	662x96x111		

STANDARDS

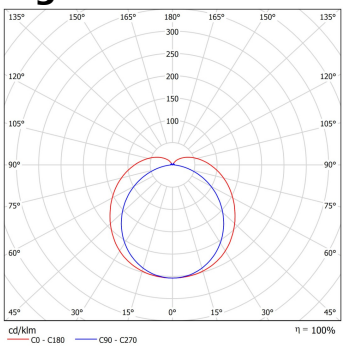
Operating temperature range, °C:	ta -20...+35	**Protection class IEC:**	I
Ingress protection code:	IP66	**Mechanical impact resistance:**	IK10
Protection symbol:	D	**Glow wire test, °C:**	850

EEC:	C	**Certificates:**	CE, UKCA, RoHS
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.