NORTHCLIFFE
MAKING LIFE BRIGHTER

BARAT LED2X7100 G253 T830 PC/PC OP LT80 • 1105232



Product:	Barat LED2x7100 G253 T830 PC/PC OP LT80
Order code:	1105232
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

Mains voltage:	220-240V, 0/50/60Hz	**System power*, W:**	82.4
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:	321 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):	13368	**System efficacy, lm/W:**	162
CRI (Ra):	80+	**CCT, K:**	3000
SDCM:	3	**Light Distribution:**	Wide-wide beam (C0-C180 plane 76 ...125 , C90-C270 plane 76 ...125)
Distribution Type:	Direct	**Beam angle, °:**	120x102
LED lifetime, h:	100000/L80B10	**Ripple current (≤120 Hz), %:**	≤3

TECHNICAL DATA

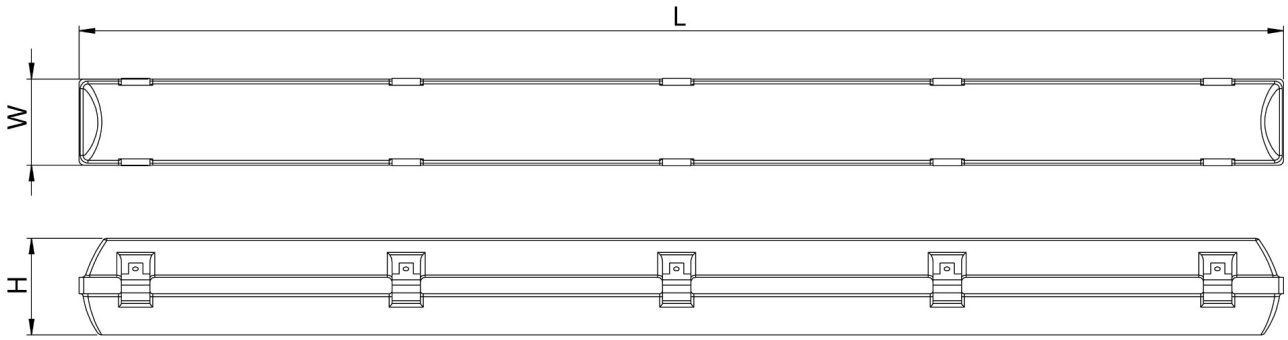
Net weight, kg:	3.3	**Quantity in package, pcs:**	1
Packaging volume, m3/pcs:	0.0301	**Pallet quantity, pcs:**	60
Dimensions, mm:	1572x146x111		

STANDARDS

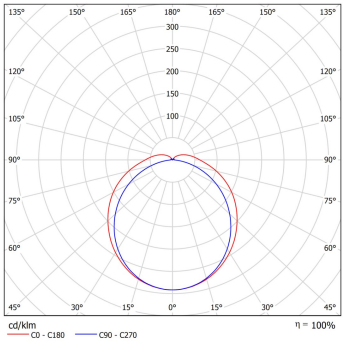
Operating temperature range, °C:	ta -20...+35	**Protection class IEC:**	I
Ingress protection code:	IP66	**Mechanical impact resistance:**	IK10
Protection symbol:	D	**Glow wire test, °C:**	850

EEC:	B	**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.