

**BOREAS M LED1X20700 J452 T740 LS45 • 1118290**


Product:	Boreas M LED1x20700 J452 T740 LS45
Order code:	1118290
Family:	Boreas M LED
Product group:	Floodlights

**GENERAL DATA**

<b>Description:</b>	Surface mounted LED floodlight Light distribution type: direct Optical system: lenses, tempered glass diffuser, impact resistant Housing: aluminium Colour: dark grey (RAL 7043)
<b>Installation:</b>	On horizontal or vertical surface. Push-in terminal, 3x2x2.5mm2
<b>Environment</b>	Outdoor
<b>Application</b>	park, public space, industry, parking area, sports, facade illumination, street

**ELECTRICAL DATA**

<b>Mains voltage:</b>	220-240V, 0/50-60Hz	<b>System power*, W:</b>	124.8
<b>Power factor:</b>	0.98	<b>Control gear:</b>	ECG on/off
<b>Integrated sensor:</b>	None	<b>Surge protection (L to N), kV:</b>	6
<b>Surge protection (L/N to PE), kV:</b>	10	<b>Inrush current (Imax/time):</b>	65A/ 268µs
<b>Overvoltage protection:</b>	320 V AC, 48 h	<b>Connection:</b>	Push-in terminal, 3x2x2.5mm2

**LIGHTING DATA**

<b>Light source and cap, W:</b>	LED	<b>Light source included:</b>	yes
<b>Luminaire output*, lm(ta+25°C):</b>	21143	<b>System efficacy, lm/W:</b>	169
<b>CRI (Ra):</b>	70+	<b>CCT, K:</b>	4000
<b>SDCM:</b>	5	<b>Light Distribution:</b>	Symmetrical medium beam (31°...75°)
<b>Distribution Type:</b>	Direct	<b>Beam angle, °:</b>	52
<b>LED lifetime, h:</b>	100000/L90B10	<b>Ripple current (≤120 Hz), %:</b>	≤5

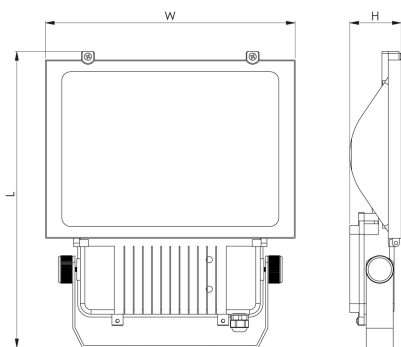
**TECHNICAL DATA**

<b>Net weight, kg:</b>	5	<b>Quantity in package, pcs:</b>	1
<b>Packaging volume, m3/pcs:</b>	0.0109	<b>Pallet quantity, pcs:</b>	40
<b>Dimensions, mm:</b>	444x353x66		

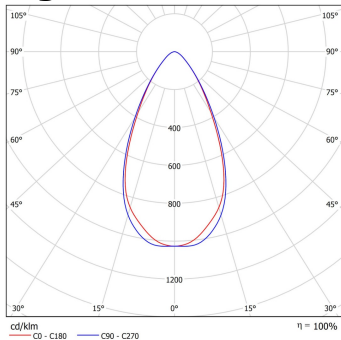
**STANDARDS**

<b>Operating temperature range, °C:</b>	-40...+40	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP66	<b>Mechanical impact resistance:</b>	IK08
<b>EEC:</b>	B	<b>Certificates:</b>	CE, UKCA, RoHS
<b>Warranty:</b>	3 years (5 years – see warranty Ts and Cs)		

Technical drawing (.jpg)



## 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. Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.