

**SPHERE LED1X4300 G931 T830 OP PMMA • 1109187**

Product:	Sphere LED1x4300 G931 T830 OP PMMA
Order code:	1109187
Family:	Sphere LED
Product group:	Park and street luminaires

**GENERAL DATA**

<b>Description:</b>	Pole-mounted LED park luminaire Light distribution type: direct Optical system: opal acrylic diffuser, UV stabilized, impact resistant Housing: polycarbonate Colour: black
<b>Installation:</b>	With three screws on poles Ø60mm. Push-in terminal, 3x2x2.5mm <sup>2</sup>
<b>Environment</b>	Outdoor
<b>Application</b>	park, public space, parking area

**ELECTRICAL DATA**

<b>Mains voltage:</b>	220-240V, 0/50/60Hz	<b>System power*, W:</b>	28.7
<b>Power factor:</b>	>0,95	<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>	8	<b>Inrush current (I<sub>max</sub>/time):</b>	25A/ 236µs
<b>Overvoltage protection:</b>	320V AC, 48h	<b>Connection:</b>	Push-in terminal, 3x2x2.5mm <sup>2</sup>

**LIGHTING DATA**

<b>Light source and cap, W:</b>	LED	<b>Light source included:</b>	yes
<b>Luminaire output*, lm(ta+25°C):</b>	4086	<b>System efficacy, lm/W:</b>	142
<b>CRI (Ra):</b>	80+	<b>CCT, K:</b>	3000
<b>SDCM:</b>	3	<b>Light Distribution:</b>	Other
<b>Distribution Type:</b>	Omnidirectional	<b>Beam angle, °:</b>	324
<b>LED lifetime, h:</b>	100000/L80B50	<b>Ripple current (≤120 Hz), %:</b>	≤4

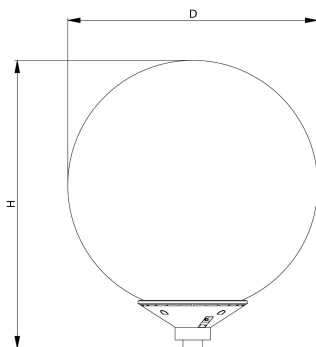
**TECHNICAL DATA**

<b>Net weight, kg:</b>	4.9	<b>Quantity in package, pcs:</b>	1
<b>Packaging volume, m<sup>3</sup>/pcs:</b>	0.1734	<b>Pallet quantity, pcs:</b>	10
<b>Dimensions, mm:</b>	500x500x555		

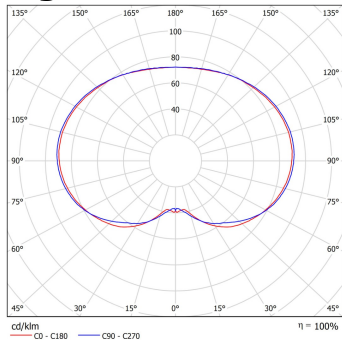
**STANDARDS**

<b>Operating temperature range, °C:</b>	ta -30...+45	<b>Protection class IEC:</b>	I
<b>Ingress protection code:</b>	IP54	<b>Mechanical impact resistance:</b>	IK06
<b>EEC:</b>	D	<b>Certificates:</b>	CE, UKCA, RoHS
<b>Warranty:</b>	3 years		

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

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