

SPHERE LED1X2450 G933 T830 OP PMMA • 1109192



Product:	Sphere LED1x2450 G933 T830 OP PMMA			
Order code:	1109192			
Family:	Sphere LED			
Product group: Park and street luminaires				

GENERAL DATA

Description: Pole-mounted LED park luminaire

Light distribution type: direct

Optical system: opal acrylic diffuser, UV stabilized, impact resistant

Housing: polycarbonate

Colour: black

Instalation: With three screws on poles Ø60mm. Push-in terminal, 3x2x2.5mm2

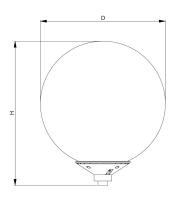
Environment Outdoor

Application park, public space, parking area

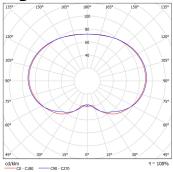
ELECTRICAL DATA

Surge protection (L to N), kV: 6	Mains voltage:	220-240V, 0/50/60Hz	System power*, W:	16.2
Inrush current (Imax/time): 25A/ 236µs Inrush current (Imax/t	Power factor:	>0,95	Control gear:	ECG on/off
According Acc	Integrated sensor:	None	Surge protection (L to N), kV:	6
LIGHTING DATA Light source and cap, W: LED Light source included: yes Luminaire output*, 2329 System efficacy, Im/W: 143 Light light source included: yes Luminaire output*, 2329 System efficacy, Im/W: 143 Light Distribution: Other SDCM: 3 Light Distribution: Other Distribution Type: Omnidirectional Beam angle, °: 308 LED lifetime, h: 100000/L80B50 Ripple current (≤120 Hz), %: ≤4 FECHNICAL DATA Let weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 STANDARDS Operating temperature ta -30+45 Protection class IEC: I Light source included: yes Quantity in package, pcs: 1 Mechanical impact impact impact resistance: Light Distribution: December included: yes Light source included: yes A0000 December i	Surge protection (L/N to PE), kV:	8	Inrush current (Imax/time):	25A/ 236µs
Light source and cap, W: LED Light source included: yes Luminaire output*, 2329 System efficacy, Im/W: 143 Mit(ta+25°C): CRI (Ra): 80+ CCT, K: 3000 CDCM: 3 Light Distribution: Other Distribution Type: Omnidirectional Beam angle, °: 308 LED lifetime, h: 100000/L80B50 Ripple current (≤120 Hz), %: ≤4 FECHNICAL DATA Net weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 CTANDARDS Departing temperature ta -30+45 Protection class IEC: I Engress protection code: IP54 Mechanical impact resistance: EEC: D Certificates: CE, UKCA, RoHS	Overvoltage protection:	320V AC, 48h	Connection:	Push-in terminal, 3x2x2.5mm2
System efficacy, Im/W: 143 Michael Special Care Michael Care	LIGHTING DATA			
m(ta+25°C): CRI (Ra): 80+ CCT, K: 3000 CDCM: 3 Light Distribution: Other Distribution Type: Omnidirectional Beam angle, °: 308 CED lifetime, h: 100000/L80B50 Ripple current (≤120 Hz), %: ≤4 CECHNICAL DATA Net weight, kg: 3.7 Quantity in package, pcs: 1 Cackaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 CTANDARDS Departing temperature ta -30+45 Protection class IEC: I sange, °C: IP54 Mechanical impact resistance: EEC: D Certificates: CE, UKCA, RoHS	Light source and cap, W:	LED	Light source included:	yes
Light Distribution: Other Ot	Luminaire output*, lm(ta+25°C):	2329	System efficacy, lm/W:	143
Distribution Type: Omnidirectional Beam angle, °: 308 LED lifetime, h: 100000/L80B50 Ripple current (≤120 Hz), %: ≤4 FECHNICAL DATA Net weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 STANDARDS Deparating temperature ta -30+45 Protection class IEC: I angle, °C: Mechanical impact resistance:	CRI (Ra):	80+	сст, к:	3000
ED lifetime, h: 100000/L80B50 Ripple current (≤120 Hz), %: ≤4 FECHNICAL DATA Net weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 Dimensions temperature ange, °C: I P54 Ingress protection code: IP54 Mechanical impact resistance: I K06 Certificates: CE, UKCA, RoHS	SDCM:	3	Light Distribution:	Other
TECHNICAL DATA Net weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 Dimensions ta -30+45 Protection class IEC: I Ingress protection code: IP54 Mechanical impact resistance: EEC: D Certificates: CE, UKCA, RoHS	Distribution Type:	Omnidirectional	Beam angle, °:	308
Net weight, kg: 3.7 Quantity in package, pcs: 1 Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 Dimensions temperature ta -30+45 Protection class IEC: I Ingress protection code: IP54 Mechanical impact resistance: EEC: D Certificates: CE, UKCA, RoHS	LED lifetime, h:	100000/L80B50	Ripple current (≤120 Hz), %:	≤4
Packaging volume, m3/pcs: 0.094 Pallet quantity, pcs: 16 Dimensions, mm: 400x400x470 Dimensions, mm:	TECHNICAL DATA			
Dimensions, mm: 400x400x470 STANDARDS Deparating temperature ta -30+45 Engress protection code: IP54 Mechanical impact resistance: IK06 Certificates: CE, UKCA, RoHS	Net weight, kg:	3.7	Quantity in package, pcs:	1
Departing temperature ta -30+45 Protection class IEC: I range, °C: Ingress protection code: IP54 Mechanical impact resistance: IEC: D Certificates: CE, UKCA, RoHS	Packaging volume, m3/pcs:	0.094	Pallet quantity, pcs:	16
Departing temperature ta -30+45 Protection class IEC: I Ingress protection code: IP54 Mechanical impact resistance: EC: D Certificates: CE, UKCA, RoHS	Dimensions, mm:	400x400x470		
range, °C: ngress protection code: IP54 Mechanical impact resistance: EC: D Certificates: CE, UKCA, RoHS	STANDARDS			
resistance: D Certificates: CE, UKCA, RoHS	Operating temperature range, °C:	ta -30+45	Protection class IEC:	I
	Ingress protection code:	IP54	-	IK06
Warranty: 3 years	EEC:	D	Certificates:	CE, UKCA, RoHS
	Warranty:	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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