Periskop160



Projectors | 198-264 V AC /220-240 V DC 1 arrayLED 44 W DC - 48 W AC | CRI 80

C00859BBMWF





Type Surface Installation position Wall lights - Ceiling - Floor Installation environment Outdoor Light Source LED Circuit structure arrayLED Optics Wide Flood Light emission direction frontal Nominal power 44 W DC Total Power 48 W Source lumens 7328 Im Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DIALI-2 - PUSH DIM Dim apile (vertical plane) 110 ° Tilting No Walk-over <	Technical data	
Installation position Ceiling - Floor Installation environment Outdoor Light Source LED Circuit structure Optics Wide Flood Light emission direction Nominal power 44 W DC Total Power 48 W Source lumens 7328 Im Nominal input voltage 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. Safety class 1P IP66 IK Glow wire test Direct mounting on normally flammable surfaces CE Driver included Driver Dimmable article Dimmable article Directional total angle (vertical plane) Tilting No Walk-over No Cyes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection Yes Surge protection 2 KV	Туре	Surface
Light Source LED Circuit structure arrayLED Optics Wide Flood Light emission direction frontal Nominal power 44 W DC Total Power 48 W Source lumens 7328 Im Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article Dilm Dimmable article DAL1-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No	Installation position	•
Circuit structure arrayLED Optics Wide Flood Light emission direction frontal Nominal power 44 W DC Total Power 48 W Source lumens 7328 Im Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable length 1 m Resin potting No Type of light emission Single emission Net weigh	Installation environment	Outdoor
Optics Wide Flood Light emission direction frontal Nominal power 44 W DC Total Power 48 W Source lumens 7328 Im Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver DIM Directional Driver Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable length 1 m Resin potting No Type of light emission	Light Source	LED
Light emission direction frontal Nominal power 44 W DC Total Power 48 W Source lumens 7328 lm Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dilm Dilm Directional Swivelling total angle (vertical plane) 110° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight <td>Circuit structure</td> <td>arrayLED</td>	Circuit structure	arrayLED
Nominal power	Optics	Wide Flood
Total Power 48 W Source lumens 7328 lm Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver DALI-2 - PUSH DIM Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection 2 KV <td>Light emission direction</td> <td>frontal</td>	Light emission direction	frontal
Source lumens 7328 lm Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Driver-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection 2 KV <td>Nominal power</td> <td>44 W DC</td>	Nominal power	44 W DC
Nominal input voltage 220 - 240 V AC Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection 2 KV	Total Power	48 W
Input voltage range 198 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Net weight Electrostatic discharge protection 2 KV	Source lumens	7328 lm
Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection 2 KV	Nominal input voltage	220 - 240 V AC
CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection 2 KV	Input voltage range	198 - 264 V AC
Colour rendering index C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Not weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 kC	Frequency	50 - 60 Hz
C.C. / C.V. AC Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	CCT / Tone	2700 K
Safety class 2 IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Colour rendering index	80 Ra
IP IP66 IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article Dimmable article Dimmable article Dimmable article Dimmable article Dimmable article Directional Swivelling total angle (vertical plane) 110° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	C.C. / C.V.	AC
IK IK08 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Dimmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Safety class	2
Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver DALI-2 - PUSH DIM Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	IP .	IP66
Direct mounting on normally flammable surfaces CE Yes Driver Driver Dimmable article Dimmable article Dimmable (vertical plane) Tilting No Walk-over No Drive-over No Cable included Yes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection Yes Surge protection Yes Yes Yes DALI-2 - PUSH DIM No No No No No Tilting No No Tilting No No Type of light emission Yes Surge protection Yes Surge protection Yes Yes	ĪK .	IK08
CE Yes Driver included Driver Dimmable article Dimmable Dimma	Glow wire test	850°
Driver included Driver Dimmable article DALI-2 - PUSH DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Direct mounting on normally flammable surfaces	Yes
Dimmable article Dimmable article Dimmable article Dimmable article Dimmable Dimmable Dimmable Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	CE	Yes
Diffmable article DIM Directional Swivelling total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Driver included	Driver
total angle (vertical plane) 110 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Dimmable article	
Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Directional	Swivelling
Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	total angle (vertical plane)	110°
Drive-over No Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Tilting	No
Cable included Yes Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Walk-over	No
Cable length 1 m Resin potting No Type of light emission Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Drive-over	No
Resin potting No Type of light emission Net weight Single emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Cable included	Yes
Type of light emission Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Cable length	1 m
Net weight 3.7 Kg Electrostatic discharge protection Yes Surge protection 2 KV	Resin potting	No
Electrostatic discharge protection Yes Surge protection 2 KV	Type of light emission	Single emission
Surge protection 2 KV	Net weight	3.7 Kg
	Electrostatic discharge protection	Yes
Product technological characteristics TCS	Surge protection	2 KV
	Product technological characteristics	TCS





Finishing casing

Processing





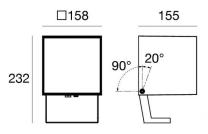












Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Open pore anodizing + Powder Coating
Finishing diffus	er
Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening
Finishing brack	et
Material	AISI 304 steel
Colour	Black

Powder coating

Periskop160



Projectors | 198-264 V AC /220-240 V DC | 1 arrayLED 44 W DC - 48 W AC | CRI 80 | Base

C00859BBMWF

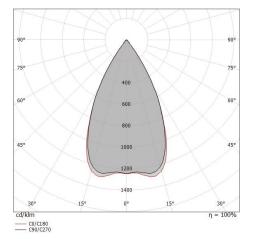
Single emission projectors for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 7328 lm, with a 166.5 lm/W nominal luminous efficacy.

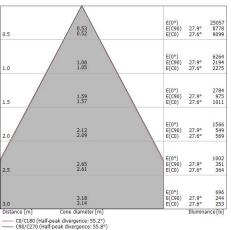
The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP66; the total weight is of 3.7 kg.

The total absorbed power is 48 W. The power supply cable is included and features a 1 m length.

The device features protection class II and can be wall lights, ceiling or floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.





Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features	
Light Output Ratio (LOR)	68 %
Source lumens	7328 lm
Delivered lumens	5021 lm
Consumption	48 W
Luminaire efficacy	104 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 112960h (at Tj 65 Ta 25)

UGR	
UGR axial	17.4
UGR transversal	17.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	55°
Light distribution simmetry	Symmetrical

Periskop160



Periskop160 | Projectors | Accessories C00859BBMWF

	07.5 07.5 22.6 066 22.1 0 000 111	Picket installation position: land,Cover material: pc	Code 98549
		Bag / Fixing kit - Belt for installation on tree	Code 99802
		Anti-glare Anti-glare Type: eyelid. Material:AISI 304 steel, colour:Black, processing:Powder coating.	Code C-U300025
		Anti-glare Anti-glare Type: snoot. Material:Aluminium 6060, colour:Black, processing:Open pore anodizing + Powder Coating.	Code C-U300028
P	161	Anti-glare Anti-glare Type: directional blades. Material:Iron, colour:Black, processing:Powder coating.	Code C-U300032
	4 125	Diffuser - Diffuser to be mounted in combination with the C-U300032 accessory Diffuser Type: elliptical filter	Code C-U300033