Shaker



Projectors | 176-264 V AC /230-280 V DC 1 x powerLED 2 W DC - 3 W AC | CRI 80 84243W15





Installation position Wall lights - Ceiling - Floor Installation environment Outdoor Light Source LED Circuit structure Optics Spot Light emission direction Nominal power 2 W DC Total Power 3 W Source lumens Nominal input voltage 176 - 264 V AC Input voltage range 176 - 264 V AC CCT / Tone Colour rendering index C.C. / C.V. Safety class 2 IP IP66 IK IK IK10 Glow wire test Direct mounting on normally flammable surfaces CE Driver included Dirmable article Directional Swivelling Vala Vala Vala Vala Vala Vala Vala Ves Cable included Ves Cable length 1 m Resin potting Yes Type of light emission Net weight United Vala Vala Vala Vala Vala Vala Vala Vala	Technical data		
Installation position Ceiling - Floor Installation environment Outdoor Light Source LED Circuit structure powerLED Optics Spot Light emission direction frontal Nominal power 2 W DC Total Power 3 W Source lumens 249 lm Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Direct mounting on normally flammable surfaces Yes CE Yes	Туре	Surface	
Light Source LED Circuit structure powerLED Optics Spot Light emission direction frontal Nominal power 2 W DC Total Power 3 W Source lumens 249 Im Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120° Tilting No Walk-over No Cable included Yes Cable length 1 m Resin potting	Installation position	•	
Circuit structure powerLED Optics Spot Light emission direction frontal Nominal power 2 W DC Total Power 3 W Source lumens 249 Im Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Driver Directional Swivelling total angle (vertical plane) 120° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission	Installation environment	Outdoor	
Optics Spot Light emission direction frontal Nominal power 2 W DC Total Power 3 W Source lumens 249 Im Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Driver Directional Swivelling total angle (vertical plane) 120° Titting No Walk-over No Drive-over No Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge	Light Source	LED	
Light emission direction frontal Nominal power 2 W DC Total Power 3 W Source lumens 249 Im Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C. V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Direct mounting on normally flammable surfaces Yes CE Yes Directional Swivelling Iotal angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Circuit structure	powerLED	
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Total Power 3 W	Light emission direction	frontal	
Source lumens 249 lm Nominal input voltage 220 - 240 V AC Input voltage range 176 - 264 V AC Frequency 50 - 60 Hz CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Directional Swivelling total angle (vertical plane) 120° Tilting No Walk-over No Drive-over No Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection 79e	Nominal power	2 W DC	
Nominal input voltage 220 - 240 V AC	Total Power	3 W	
176 - 264 V AC	Source lumens	249 lm	
Frequency	Nominal input voltage	220 - 240 V AC	
CCT / Tone 3000 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Input voltage range	176 - 264 V AC	
Colour rendering index C.C. / C.V. Safety class P IP66 IK IK10 Glow wire test Since mounting on normally flammable surfaces CE Yes Direct mounting on normally flammable surfaces Yes CE Driver included Driver Directional Swivelling Itotal angle (vertical plane) Tilting No Walk-over No Drive-over Cable included Cable length Resin potting Type of light emission Net weight Electrostatic discharge protection Surpage of the state of	Frequency	50 - 60 Hz	
C.C. / C.V. Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	CCT / Tone	3000 K	
Safety class 2 IP IP66 IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Colour rendering index	80 Ra	
IP IP66 IK IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Type of light emission Net weight 0.12 Kg Electrostatic discharge protection 9.5 KV	C.C. / C.V.	AC	
IK IK10 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Safety class	2	
Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	IP	IP66	
Direct mounting on normally flammable surfaces CE Yes Driver P Driver included Dimmable article Directional Swivelling total angle (vertical plane) Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Type of light emission Net weight Electrostatic discharge protection Surves Yes Yes Yes Yes Type of light emission Net weight Electrostatic discharge protection Surge protection Yes Surge protection Occupancy Occupancy Surves Yes Yes Occupancy Yes Occupancy Yes Surge protection Occupancy Yes Occupancy Yes Occupancy Yes Occupancy Yes Occupancy Yes Surge protection Occupancy Yes Yes Occupancy Yes Occupancy Yes Occupancy Yes Occupancy Yes Occupancy Yes Yes Occupancy Yes Yes Occupancy Yes Yes Occupancy Yes Yes Yes Yes Occupancy Yes Yes Yes Yes Yes Yes Yes Ye	IK	IK10	
CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Glow wire test	850°	
Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Direct mounting on normally flammable surfaces	Yes	
Dimmable article Directional Swivelling total angle (vertical plane) Tilting No Walk-over No Drive-over Cable included Yes Cable length 1 m Resin potting Type of light emission Net weight Electrostatic discharge protection Suivelling No No No No No Cable length 1 m Yes Type of light emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	CE	Yes	
Directional Swivelling total angle (vertical plane) 120 ° Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Driver included	Driver	
total angle (vertical plane) Tilting No Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Net weight D.12 Kg Electrostatic discharge protection Surge protection 120 ° No No No No No No O Drive-over No O Drive-over No No No No No No No No No N	Dimmable article	No	
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Walk-over No Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	total angle (vertical plane)	120 °	
Drive-over No Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Tilting	No	
Cable included Yes Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight Cable length 1 m Yes Single emission Yes Surge protection Yes Surge protection 0.5 KV	Walk-over	No	
Cable length 1 m Resin potting Yes Type of light emission Single emission Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Drive-over	No	
Resin potting Yes Type of light emission Net weight 0.12 Kg Electrostatic discharge protection Surge protection 0.5 KV	Cable included	Yes	
Type of light emission Net weight Clark g Electrostatic discharge protection Surge protection Single emission 0.12 Kg Yes 0.5 KV	Cable length	1 m	
Net weight 0.12 Kg Electrostatic discharge protection Yes Surge protection 0.5 KV	Resin potting	Yes	
Electrostatic discharge protection Yes Surge protection 0.5 KV	Type of light emission	Single emission	
Surge protection 0.5 KV	Net weight	0.12 Kg	
	Electrostatic discharge protection	Yes	
Product technological characteristics Acquastop	Surge protection	0.5 KV	
	Product technological characteristics	Acquastop	









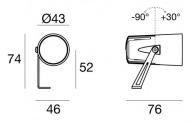












Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Grey
Processing	Open pore anodizing + Powder Coating
Finishing diffuser	
Material	Extra clear glass - Tempered
Colour	transparent
Finishing bracket	
Material	AISI 304 steel
Colour	Grey
Processing	Powder coating
Cables Electrifica	tion
Cable connector	No

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.

Shaker



Projectors | 176-264 V AC /230-280 V DC | 1 x powerLED 2 W DC - 3 W AC | CRI 80 | Base **84243W15**

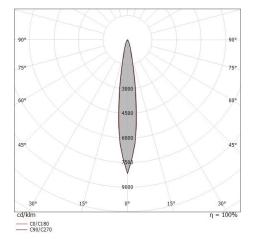
Single emission projectors for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 249 lm, with a 124.5 lm/W nominal luminous efficacy.

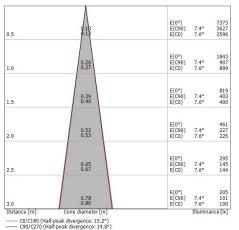
The device body is made of die-cast aluminium en ab - 46100 and features a grey finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP66; the total weight is of 0.12 kg.

The total absorbed power is 3 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 D.

Illuminotechnical Features	
Light Output Ratio (LOR)	90 %
Source lumens	249 lm
Delivered lumens	226 lm
Consumption	3 W
Luminaire efficacy	75 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	50°C

LED Life / Failure Ratio

L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR	
UGR axial	20.5
UGR transversal	20.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	15°
Light distribution simmetry	Symmetrical

Shaker



Shaker | Projectors | Accessories 84243W15

ĺ	160	Picket - L. 160mm installation position: land,Cover material: aisi 304 steel	Code 98624
·	102.5	Picket - L. 102.5mm installation position: land,Cover material: aisi 304 steel	Code 98669
Ů	700	Picket - L. 700mm installation position: land,Cover material: aisi 304 steel	Code C-F500002
	1000	Picket - L. 1000mm installation position: land,Cover material: aisi 304 steel	Code C-F500003
		Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Aluminium 6026, colour:Black, processing:Open pore anodizing + Powder Coating.	Code 83246