Gardener



Projectors | 198-264 V 1 arrayLED 26 W DC - 29 W AC | CRI 80 81314M60







| Installation environment Outdoor Light Source LED Circuit structure Optics Wide Flood Light emission direction Nominal power 26 W DC Total Power 29 W Source lumens Source lumens Nominal input voltage 198 - 264 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 IP65 Glow wire test Direct mounting on normally flammable surfaces CE Tyes Direct mounting on normally flammable surfaces CE Tyes Directional Swivelling total angle (vertical plane) Tilting No Walk-over No Cable included No Type of light emission Net weight Electrostatic discharge protection Ver Surface low Sert-back low glare optics | Technical data | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------|
| Installation position Ceiling - Floor Installation environment Outdoor Light Source LED Circuit structure Optics Wide Flood Light emission direction Nominal power 26 W DC Total Power 29 W Source lumens 3851 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 IP IP65 Glow wire test Direct mounting on normally flammable surfaces CE Yes Driver included Driver Dimmable article No Directional total angle (vertical plane) Tilting No Walk-over No Cable included No Type of light emission Net weight Electrostatic discharge protection 4 KV Surge protection Guident arrayLED Odutor ArrayLED Outdoor Wide Flood Frontal ArrayLED AC Safety class 2 IP IP65 Glow wire test B50° Directional Swivelling No No Type of light emission No Single emission Net weight Electrostatic discharge protection 4 KV Surge protection Optics technology Set-back low glare optics | Туре | Surface |
| Light Source Circuit structure Optics Wide Flood Light emission direction Nominal power 26 W DC Total Power 29 W Source lumens Nominal input voltage 198 - 264 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 IP65 Glow wire test Direct mounting on normally flammable surfaces CE Driver included Driver Dimmable article Directional Swivelling total angle (vertical plane) Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight Electrostatic discharge protection At KV Surge protection 4 KV Surge protection Optics technology Seit-back low glare optics | Installation position | • |
| Circuit structure arrayLED Optics Wide Flood Light emission direction frontal Nominal power 26 W DC Total Power 29 W Source lumens 3851 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 IP65 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) 150 ° Tilting No Walk-over No Cable included No Drive-over No Cable included No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Installation environment | Outdoor |
| Optics Wide Flood Light emission direction frontal Nominal power 26 W DC Total Power 29 W Source lumens 3851 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 IP65 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) 150 ° Tilting No Walk-over No Cable included No Drive-over No Cable included No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Sate No Set-back low glare optics | Light Source | LED |
| Light emission direction frontal Nominal power 26 W DC Total Power 29 W Source lumens 3851 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 IP65 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) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV | Circuit structure | arrayLED |
| Nominal power 26 W DC Total Power 29 W Source lumens 3851 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 IP65 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) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV | Optics | Wide Flood |
| Total Power 29 W Source lumens 3851 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 IP65 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) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Optics technology Set-back low glare optics | Light emission direction | frontal |
| Source lumens 3851 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 IP65 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) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Optics technology Set-back low glare optics | Nominal power | 26 W DC |
| Nominal input voltage | Total Power | 29 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 IP65 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) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Source lumens | 3851 lm |
| Frequency 50 - 60 Hz CCT / Tone 2700 K Colour rendering index 80 Ra C.C. / C.V. AC Safety class 2 IP IP65 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) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | 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 IP65 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) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Input voltage range | 198 - 264 V AC |
| Colour rendering index C.C. / C.V. AC Safety class 2 IP IP65 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) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Frequency | 50 - 60 Hz |
| C.C. / C.V. AC Safety class 2 IP IP65 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) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | CCT / Tone | 2700 K |
| Safety class 2 IP IP65 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Driver Directional Swivelling total angle (vertical plane) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Colour rendering index | 80 Ra |
| IP IP65 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) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | C.C. / C.V. | AC |
| Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes Driver Spriver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 150° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Safety class | 2 |
| Direct mounting on normally flammable surfaces CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Net weight Electrostatic discharge protection 4 KV Surge protection Optics technology Yes Yes Yes Yes Yes Yes Yes Yes Yes No No No No Swivelling No No No Single emission 4 KV Set-back low glare optics | IP | IP65 |
| CE Yes Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Glow wire test | 850° |
| Driver included Driver Dimmable article No Directional Swivelling total angle (vertical plane) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Direct mounting on normally flammable surfaces | Yes |
| Dimmable article No Directional Swivelling total angle (vertical plane) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | CE | Yes |
| Directional Swivelling total angle (vertical plane) 150 ° Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Driver included | Driver |
| total angle (vertical plane) Tilting No Walk-over No Drive-over No Cable included Resin potting No Type of light emission Net weight Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Dimmable article | No |
| Tilting No Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Directional | Swivelling |
| Walk-over No Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | total angle (vertical plane) | 150 ° |
| Drive-over No Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Tilting | No |
| Cable included No Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Walk-over | No |
| Resin potting No Type of light emission Single emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Drive-over | No |
| Type of light emission Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Cable included | No |
| Net weight 2.075 Kg Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Resin potting | No |
| Electrostatic discharge protection 4 KV Surge protection 4 KV Optics technology Set-back low glare optics | Type of light emission | Single emission |
| Surge protection 4 KV Optics technology Set-back low glare optics | Net weight | 2.075 Kg |
| Optics technology Set-back low glare optics | Electrostatic discharge protection | 4 KV |
| Optics technology glare optics | Surge protection | 4 KV |
| Product technological characteristics TCS | Optics technology | |
| | Product technological characteristics | TCS |



Finishing casing





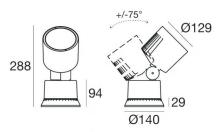












| Material | Die-cast Aluminium EN AB - 46100 |
|------------------|--------------------------------------|
| Colour | Grey |
| Processing | Open pore anodizing + Powder Coating |
| | |
| Finishing diffus | ser |
| Material | Extra clear glass - Tempered |
| Colour | transparent |
| | |
| Finishing base | |
| Material | PC |
| Colour | black |

Gardener



Projectors | 198-264 V | 1 array LED 26 W DC - 29 W AC | CRI 80 | Base $\bf 81314M60$

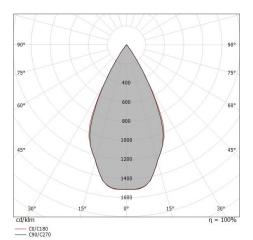
Single emission projectors for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 3851 lm, with a 148.1 lm/W nominal luminous efficacy.

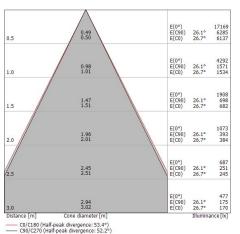
The device body is made of die-cast aluminium en ab - 46100 and features a grey finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP65; the total weight is of 2.075 kg.

The total absorbed power is 29 W.

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) | 73 % |
| Source lumens | 3851 lm |
| Delivered lumens | 2834 lm |
| Consumption | 29 W |
| Luminaire efficacy | 97 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 252000h (at Tj 65 Ta 25)

| UGR | |
|-------------------|----------|
| UGR axial | 15 |
| UGR transversal | 15.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|-----------------------------|-------------|
| C0/C180 optics | 52° |
| Light distribution simmetry | Symmetrical |

Gardener



Gardener | Projectors | Accessories 81314M60



installation position: land,Cover material: pc

Code

89371