

## Kamino 180 Two Emission 24V

■ 535032.4 - Black

Round luminaire with radial emission for installation in-ground – recessed.

Configuration: two sizes available. Die-cast aluminium structure, EN AB-47100 alloy (low copper content).

Transparent borosilicate glass.

Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.

Light emission: one emission, two opposite emissions, four emissions.

Protection rating: IP67

In compliance with EN60598-1 standards

Class of insulation: II; version 24V: III

Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V: the power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. 24V: the luminaire is supplied with a piece of cable with screw-connector to be used for wiring. Outdoor use requires suitable flexible cables.

Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak.

We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

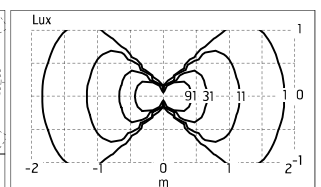
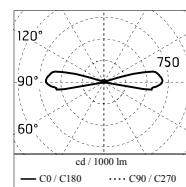
Chemical substances affect the anticorrosion covering protection.

### Main specifications

|                         |       |                    |                |
|-------------------------|-------|--------------------|----------------|
| <b>Power (W)</b>        | 4.4   | <b>Mountings</b>   | Floor recessed |
| <b>System power (W)</b> | 6.4   | <b>Environment</b> | Outdoor        |
| <b>CCT (K)</b>          | 4000K |                    |                |
| <b>CRI</b>              | 80    |                    |                |
| <b>Net lumen (lm)</b>   | 2X74  |                    |                |

### Optical

|                           |                |
|---------------------------|----------------|
| <b>Lighting type</b>      | Direct         |
| <b>LED type</b>           | Power LED      |
| <b>Light distribution</b> | Asymmetric     |
| <b>Optical type</b>       | Diffused light |



### Electrical

|                       |              |                         |     |
|-----------------------|--------------|-------------------------|-----|
| <b>Frequency (Hz)</b> | 50-60        | <b>Insulation class</b> | III |
| <b>Voltage (V)</b>    | 24           |                         |     |
| <b>Dimmable</b>       | No           |                         |     |
| <b>Driver type</b>    | Not dimmable |                         |     |
| <b>Emergency</b>      | Without      |                         |     |

### Physical

|              |       |
|--------------|-------|
| <b>Color</b> | Black |
|--------------|-------|

## Kamino 180 Two Emission 24V



Box for Installation Kamino 180  
194



High Resistance In-ground Box Kamino  
180  
195



Splitter M12 Connector Cables Kamino  
130/180 24V  
219



M12 Connector Cable L 5000 mm  
Kamino 130/180 24V  
220



Power Supply 20W 220+240V/24Vdc  
Ip67  
147



Power Supply 50W 120+240V/24Vdc  
Ip67  
155



Power Supply 70W 220+240V/24Vdc  
Ip67  
110