

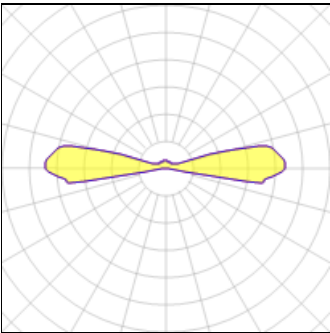
# Product data sheet

KAMINO180 LED  
535017  
FLOS



• Recessed round LED luminaire with radial light emission for outdoor installation. Two sizes available. • Configuration: die-cast aluminium structure. EN AB 47100 alloy (low copper content) • Double layer coating for high resistance to corrosion: The low copper Aluminium alloy is painted with a double coat using powders which are complaint 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 sand-blasted 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 • Transparent borosilicate glass and moulded silicone gaskets. • Protection Rating: IP67 • In compliance with EN60598-1 standards • Class of insulation: II ; 24V version: III • Installation: the luminaire is equipped with a watertight M12 connector providing optimal insulation against water ingress and quick connection to the wiring unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). Installation requires a dedicated box (to be ordered separately). For ground installation it is important to provide a proper gravel layer or drain system (>300mm) to ensure good drainage and avoid water stagnation. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. Kamino 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.

## Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	12 W	CRI	80
Total flux	57 lm	LOR	100%
Luminous efficacy	5 lm/W	ULOR	65%
		Total power	12 W

## Mounting mode

Floor recessed

## Shape and measurements

Height: 1.85 in  
Diameter: 7.09 in

## Adjustability

Fixed

## Electric

System power: 12 W  
Appliance Class: II

## Protection

IP: 67  
IK: 09