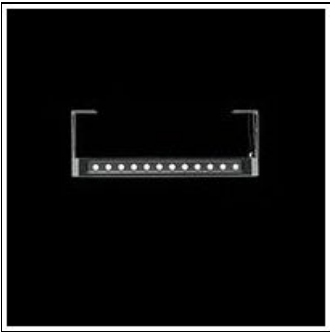


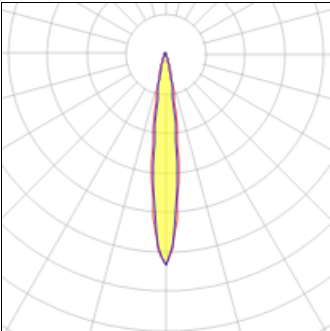
# Product data sheet

ARCADIA640 LED  
545010  
FLOS



Linear LED luminaire for installation outdoor (wall and ceiling) • Configuration: die-cast aluminium closing ends, EN AB 47100 alloy (low copper content), extruded aluminium structure and zinc coated steel fixing brackets (80mm or 200mm). • Double layer coating for high resistance to corrosion: The alluminium parts are 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. • The electrical components are installed on a removable frame accessible by unscrewing the aluminium closing ends. • Adjustable light emission on the horizontal axis. • Tempered transparent extra-clear glass with silkscreen border. The glass is fixed to the aluminium structure through a robotic gluing system. • Protection Rating: IP65 • In compliance with EN60598-1 standards • Class of insulation: I ; RGB: III • Installation: The luminaire is equipped with two M16 cableglands, one is pre-wired with a piece of neoprene cable (approx.500mm) for a fast connection to the mains and the other is closed with a removable cap. • 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



1 x LED			
Nominal lamp power	14.4 W	LOR	98%
Lamp flux	1471 lm	Total flux	1448 lm
Luminous efficacy	90 lm/W	Total power	16 W
CCT	6000 K		
CRI	70		

## Mounting mode

Wall mounted

## Shape and measurements

Length: 25.20 in  
Width: 2.56 in  
Height: 2.76 in

## Adjustability

Tiltable

## Electric

System power: 16 W  
Appliance Class: I

## Protection

IP: 65  
IK: 07