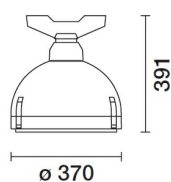


Last information update: October 2023

Product configuration: EH03

EH03: Span-wire installation - Neutral White - STM1 optic

**Product code**EH03: Span-wire installation - Neutral White - STM1 optic **Attention! Code no longer in production****Technical description**

Outdoor pendant luminaire with high visual comfort (G4) down light street optic, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy, subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Can be adjusted $\pm 15^\circ$ relative to the horizontal axis, and 360° about the vertical axis. 4 mm thick sodium-calcium glass diffuser. Optical assembly and door fixed together by a hinge and two clips, allowing tool-free opening. High level IP66 protection is guaranteed by the 50 Shore black silicone seal interposed between the two elements. Steel lid automatic retention system. Optical assembly complete with decompression valve, to clear the internal vacuum for easy opening. Complete with circuit having Neutral White monochrome LEDs and silver aluminium reflectors. LEDs can be substituted in groups of 12. DALI electronic control gear. Midnight mode (100%-70%) or Bi-energy operation without external programming. Personalised Midnight programmable, fixed dimming, compatibility with flux regulators, via a special programming interface. Control gear, connected using quick-couplings and removed using clips. Driver with automatic internal temperature control system. Replaceable control gear. Die-cast aluminium fixing system with anchoring system to stainless steel wire. Stainless steel anti-fall safety system. There is no light dispersion into the upper hemisphere above this luminaire in the horizontal position (in conformity with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

InstallationThe floodlight can be installed on wires/cables with a diameter of $\phi 6\text{-}\phi 12\text{mm}$.**Colour**

Grey (15)

Weight (Kg)

8.6

Mounting

wall arm|ground surface|wall surface

Wiring

The product is powered by cables from a pre-wiring box with 4-pin terminal board and overvoltage protection resistance: 10KV Common Mode and 6KV Differential Mode. Product perfect watertightness at the power cable entry point is guaranteed by the PG M24x1.5 mm cable gland made of thermoplastic material, thrust ring and rubber gasket, achieving insulation class II.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	6660.0	Life Time LED 1:	100,000h - L90 - B10 (Ta 25C)
W system:	56.0	Life Time LED 2:	100,000h - L80 - B10 (Ta 25C)
Im source:	6660	Life Time LED 3:	79,000h - L90 - B10 (Ta 40C)
W source:	51	Life Time LED 4:	100,000h - L80 - B10 (Ta 40C)
Luminous efficiency (Im/W, real value):	118.93	Ballast losses [W]:	5.0
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0.0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	100	ZVEI Code:	LED
Beam angle $[\circ]$:	$78^\circ / 96^\circ$	Number of optical assemblies:	1
CRI:	70	Intervallo temperatura ambiente:	from -40°C to 50°C .
Colour temperature [K]:	4000	Control:	DALI
MacAdam Step:	3		