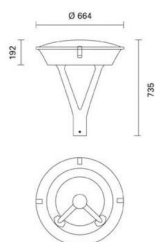


**Product configuration: EH48**

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EH48: Pole-mounted system - Warm White - ST1 optic



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Outdoor luminaire with direct light street optic for a high level of visual comfort (G4), designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and 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 resistance. Optical assembly and door fixed together by a hinge and three clips, allowing tool-free opening. High level IP protection is guaranteed by the silicone seal interposed between the two elements. Stainless steel door 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, silver aluminium reflectors. LEDs can be substituted in the lab in groups of 12. Control gear, connected using quick-couplings and removed using clips. Driver with automatic internal temperature control system. 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. Replaceable control gear.

Pole-top can be installed on poles  $\varnothing 76\text{mm}$ , for poles  $\varnothing 60\text{mm}$  and  $\varnothing 102\text{mm}$  installation is allowed using accessories 6152 ( $\varnothing 60\text{mm}$ ) and 6134 ( $\varnothing 102\text{mm}$ ). Versions with poles for burial and with base-plate.

Colour	Weight (Kg)
Grey (15)	17.5

mounting  
wall arm|ground surface|wall surface

The product is supplied wired with outgoing cable and incorporated connector. Overvoltage protection: 10KV Common Mode and 6KV Differential Mode.

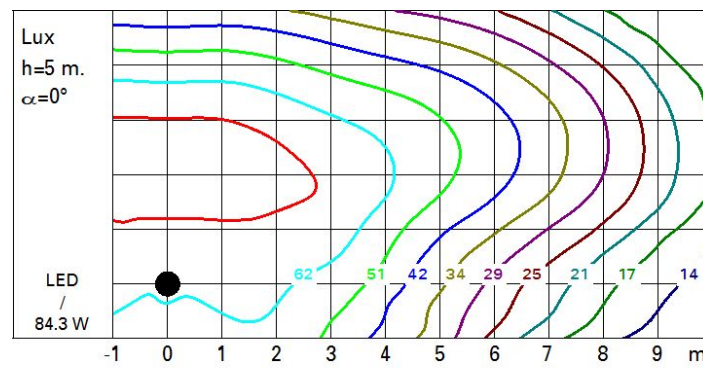
Complies with EN60598-1 and pertinent regulations



Im system:	8380	MacAdam Step:	3
W system:	84.3	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Im source:	-	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	-	Lamp code:	LED
Luminous efficiency (Im/W, real value):	99.4	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Intervallo temperatura ambiente:	from -40°C to 50°C.
CRI (minimum):	70	Control:	DALI
Colour temperature [K]:	3000		

**Imax=5707 cd**      **C20-200  $\gamma=60^\circ$**   
**CIE**  
**LA<sup>0.5</sup>=828**  
**SPREAD=narrow**  
**THROW=short**  
**SLI=4.3**  
**DIN**  
**KB2**  
**CEN**  
**G\*4**  
**D4**

### Isolux



### Utilisation factors

