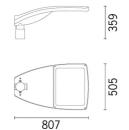
iGuzzini

Last information update: April 2024

#### Product configuration: EE02

EE02: Pole-mounted system - A45C optic - Neutral White - Dali - ø46-60-76mm





### **Product code**

EE02: Pole-mounted system - A45C optic - Neutral White - Dali - ø46-60-76mm

### Technical description

Outdoor luminaire with direct light asymmetric optic for increased visual comfort, 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. Option of also adjusting, with a graduated scale, the inclination in relation to the road surface of +15°/-10° (in 5° steps) for a pole-top installation and +5°/20° (in 5° steps) for a lateral installation. 5 mm thick tempered sodium-calcium closure glass. The glass secured to the frame closes the led optical assembly which is secured to the components assembly with a hinge and 2 screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and silver aluminium reflectors. LED assembly can be replaced directly on site. Possibility of replacing the LEDs in groups of 12 in the laboratory. DALI electronic control gear. Midnight (100%-70%) or Bi-energy without external programming mode operation. Customised Midnight programming, fixed dimming and compatibility with flow regulators via a special programming interface. Control gear connected with quick-coupling connectors. Driver with automatic internal temperature control system. Toolfree removable control gear plate unit. The optical assembly is fixed to the wall-mounted or pole-top attachment with two clamping screws and two safety grub screws facilitate assembly. The light flow emitted in the upper hemisphere of the system in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

#### Installation

The floodlight can be installed with pole-top or lateral mounting using a die-cast aluminium pole-top for diameters of 46/60/76 mm. Diameters from 60 to 76 mm without using the standard adaptor, and from 46 to 60 mm with the adaptor. Secured to the pole by two bolts and two safety locking nuts.

Colour	Weight (Kg)
White (01)   Black (04)   Grey (15)   Rust Brown (F5)	18.5

### Mounting

wall arm|pole-top

### Wiring

The pole-top attachment guarantees the completely safe passage of power cables, avoiding piercing. 6-pole terminal board for ø 7-14mm cables. Overvoltage protection: 10KV Common Mode and 6KV Differential Mode

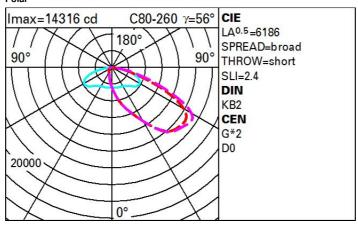
Complies with EN60598-1 and pertinent regulations

IK08 IP67

IK08 IP67

Technical data   Im system:				
W system: 208.7  Im source: - W source: - Luminous efficiency (Im/W, 114.8 real value):	Technical data			
Im source:-Lamp code:LEDW source:-Number of lamps for optical1Luminous efficiency (lm/W, real value):114.8assembly:Im in emergency mode:-Number of optical1Total light flux at or above an angle of 90° [Lm]:assemblies:1Light Output Ratio (L.O.R.)100assemblies:Intervallo temperatura ambiente:from -40°C to 50°C.[%]:Power factor:See installation instructionsCRI (minimum):70Inrush current:58 A / 340 μsColour temperature [K]:4000Maximum number of luminaires of this type per miniature circuit breaker:B10A: 4 luminairesLife Time LED 1:100,000h - L90 - B10 (Ta 25°C)B10A: 7 luminairesLife Time LED 2:61,000h - L90 - B10 (Ta 40°C) Overvoltage protection:10kV Common mode & 6kV Differential mode	Im system:	23960	Life Time LED 3:	100,000h - L80 - B10 (Ta 40°C)
W source:  Luminous efficiency (lm/W, 114.8 real value):  Im in emergency mode:  Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 100  CRI (minimum):  CRI (minimum):  COlour temperature [K]:  MacAdam Step: Life Time LED 1:  Life Time LED 2:  Aumber of lamps for optical assembly:  ZVEI Code:  LED  Number of optical 1  assemblies: Intervallo temperatura ambiente:  Power factor:  See installation instructions  Inrush current:  58 A / 340 μs  Maximum number of luminaires of this type per miniature circuit breaker:  B10A: 4 luminaires  B10A: 7 luminaires  C10A: 7 luminaires  C10A: 7 luminaires  C10A: 1 luminaires  C10A: 1 luminaires  Overvoltage protection:  10kV Common mode & 6kV  Differential mode	W system:	208.7	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value):  Im in emergency mode:  Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) [%]: CRI (minimum): CRI (minimum): Colour temperature [K]: MacAdam Step: Life Time LED 1: Light Dutput Ratio (L.O.00) - B10 (Ta 25°C) Life Time LED 2:  Assembly:  ZVEI Code: LED  Number of optical assemblies: Intervallo temperatura ambiente: Power factor: Power factor: See installation instructions Inrush current: Maximum number of luminaires of this type per miniature circuit breaker: B10A: 4 luminaires C10A: 7 luminaires C10A: 7 luminaires C10A: 11 luminaires C10A: 11 luminaires C10A: Overvoltage protection: Differential mode	Im source:	-	Lamp code:	LED
real value): Im in emergency mode:  Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) [%]: CRI (minimum): Colour temperature [K]: Vife Time LED 1: Light Dutyut Ratio (L.O.00) - L90 - B10 (Ta 40°C)  ZVEI Code: LieD Number of optical assemblies: Intervallo temperatura ambiente: Power factor: See installation instructions Inrush current: S8 A / 340 μs Maximum number of Iuminaires of this type per miniature circuit breaker: B10A: 4 Iuminaires C10A: 7 Iuminaires C10A: 7 Iuminaires C10A: 7 Iuminaires C10A: 11 Iuminaires C10A: 11 Iuminaires C10A: Overvoltage protection: Differential mode	W source:	-	Number of lamps for optical	1
Im in emergency mode:-Number of optical assemblies:1Total light flux at or above an angle of 90° [Lm]:100Intervallo temperatura ambiente:from -40°C to 50°C.Light Output Ratio (L.O.R.) [%]:100ambiente:See installation instructionsCRI (minimum):70Inrush current:58 A / 340 μsColour temperature [K]:4000Maximum number of luminaires of this type per miniature circuit breaker:B10A: 4 luminairesLife Time LED 1:100,000h - L90 - B10 (Ta 25°C)B16A: 7 luminairesLife Time LED 2:61,000h - L90 - B10 (Ta 40°C) Overvoltage protection:  Overvoltage protection:  10kV Common mode & 6kV Differential mode	Luminous efficiency (Im/W,	114.8	assembly:	
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an angle of 90° [Lm]: Light Output Ratio (L.O.R.)  [%]: CRI (minimum): COlour temperature [K]: MacAdam Step: Life Time LED 1: Light Dutput Ratio (L.O.R.)  100  Intervallo temperatura ambiente: Power factor: See installation instructions  Maximum number of luminaires of this type per miniature circuit breaker: B10A: 4 luminaires B16A: 7 luminaires C10A: 7 luminaires C10A: 7 luminaires C16A: 11 luminaires	Im in emergency mode:	-	•	1
Light Output Ratio (L.O.R.) 100  ambiente:  Power factor: See installation instructions  CRI (minimum): 70  Colour temperature [K]: 4000  MacAdam Step: 3  Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C)  Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  Another than 100,000h - L90 - B10 (Ta 40°C)  ambiente:  Power factor: See installation instructions  Maximum number of luminaires of this type per miniature circuit breaker:  B10A: 4 luminaires  B16A: 7 luminaires  C10A: 7 luminaires  C16A: 11 luminaires  Overvoltage protection: 10kV Common mode & 6kV Differential mode	· ·	0		
Power factor: See installation instructions			•	from -40°C to 50°C.
CRI (minimum): 70 Colour temperature [K]: 4000 MacAdam Step: 3 Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  Inrush current: 58 A / 340 µs Maximum number of luminaires of this type per miniature circuit breaker: B10A: 4 luminaires C10A: 7 luminaires C16A: 11 luminaires Overvoltage protection: 10kV Common mode & 6kV Differential mode	0 1 ,	100		
Colour temperature [K]: 4000  MacAdam Step: 3  Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C)  Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  Maximum number of luminaires of this type per miniature circuit breaker: B16A: 7 luminaires C10A: 7 luminaires C16A: 11 luminaires  Overvoltage protection: 10kV Common mode & 6kV Differential mode				
MacAdam Step: 3 Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  Ilminaires of this type per miniature circuit breaker: B16A: 7 luminaires C10A: 7 luminaires C16A: 11 luminaires  Overvoltage protection: 10kV Common mode & 6kV Differential mode	,			58 A / 340 μs
Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  miniature circuit breaker: C10A: 7 luminaires C16A: 11 luminaires C16A: 11 luminaires Overvoltage protection: 10kV Common mode & 6kV Differential mode				
Life Time LED 2: 61,000h - L90 - B10 (Ta 40°C)  C10A: 7 luminaires C16A: 11 luminaires Overvoltage protection: 10kV Common mode & 6kV Differential mode				B16A: 7 luminaires C10A: 7 luminaires
Overvoltage protection:  C16A: 11 luminaires  10kV Common mode & 6kV  Differential mode	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	miniature circuit breaker:	
Overvoltage protection: 10kV Common mode & 6kV Differential mode	Life Time LED 2:	61,000h - L90 - B10 (Ta 40°C)		
Differential mode			Overveltage protection:	
Control: DALI-2			Overvoitage protection.	
			Control:	DALI-2

# Polar



# Isolux

