iGuzzini

Last information update: February 2025

Product configuration: ALW0

ALW0: Wall-mounted, Longitudinal Asymmetric Optic, Warm LED, DALI 220-240V ac



Product code

ALW0: Wall-mounted, Longitudinal Asymmetric Optic, Warm LED, DALI 220-240V ac

Technical description

Direct light luminaire, designed to use monochrome LED lamps. It consists of a body, an optical assembly and a base for fixing it to the wall. Optical assembly and die-cast aluminium glass-holder frame. 5mm thick tempered sodium-calcium closing glass with black serigraphy. Transparent glass with black serigraphy for high performance direct and indirect lighting. Body and optical assembly 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 following 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. Longitudinal Asymmetric Optic (AL) with high performance Optismart reflectors in superpure aluminium coated with silver deposits offering uniform light distribution. Both the LED unit and the ballast may be substituted. Optical assembly complete with electronic control gear and output power cable. IP68 connectors to be ordered separately are required for the electrical connection. All screws used are made of stainless steel.

Installatio

Wall-mounted with screw anchors not supplied with the product.

Colour		Weight (Kg)
White (01) Black (04) Grey	(15) Rust Brown (F5)	2.5

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Mounting wall surface

Wiring

Product complete with DALI 220÷240V ac electronic control gear.

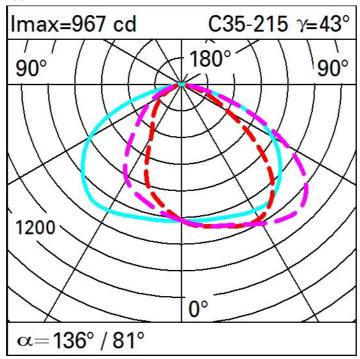
Notes

Overvoltage protection: 4kV in Common Mode (CM), 2kV in Differential Mode (DM). • The SPD accessory (JAL6) increases overvoltage protection to 6kV/10kV (CM/DM).

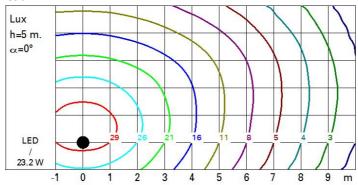


Technical data Im system:				
W system: 23.2 Voltage [Vin]: 230 Im source: 3120 Lamp code: LED W source: 20 Number of lamps for optical 1 assembly: real value): ZVEI Code: LED Im in emergency mode: - Number of optical assembly: Total light flux at or above an angle of 90° [Lm]: Intervallo temperatura assemblies: Intervallo temperatura ambiente: [%]: Power factor: See installation instructions CRI (minimum): 80 Inrush current: 5 A / 50 µs CRI (typical): 82 Colour temperature [K]: 3000 MacAdam Step: 3 Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Voltage [Vin]: 230 Lamp code: LED Number of lamps for optical 1 assembly: Temple Code: LED Number of optical 2 assembly: Temple Code: LED Number of optical 3 a	Technical data			
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W source: 20 Luminous efficiency (Im/W, real value): 2VEI Code: LED Im in emergency mode: - Number of optical assembly: 2VEI Code: LED Im in emergency mode: - Number of optical assemblies: 1 assemb	W system:	23.2	Voltage [Vin]:	230
Luminous efficiency (Im/W, real value): 102.2 assembly: Im in emergency mode: - Number of optical assemblies: 1 Total light flux at or above an angle of 90° [Lm]: 0 intervallo temperatura ambiente: from -30°C to 50°C. Light Output Ratio (L.O.R.) [%]: 76 Power factor: See installation instructions CRI (minimum): 80 Inrush current: 5 A / 50 μs CRI (typical): 82 Maximum number of luminaires of this type per miniature circuit breaker: B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C10A: 52 luminaires C16A: 85 luminaires C16A: 85 luminaires Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) Overvoltage protection: 4kV Common mode & 2kV Differential mode	Im source:	3120	Lamp code:	LED
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C16A: 85 luminaires Overvoltage protection: Overvoltage protection: 4kV Common mode & 2kV Differential mode	MacAdam Step:	3	miniature circuit breaker:	
Differential mode	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		
Control: DALI-2			Overvoltage protection:	
			Control:	DALI-2





Isolux



Illuminances

