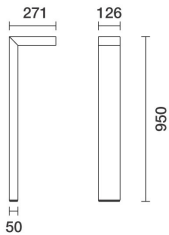


Last information update: February 2025

Product configuration: ALS5

ALS5: Bollard H=950 mm, HU Longitudinal Asymmetric Optic, Warm LED, DALI 220-240V ac

**Product code**

ALS5: Bollard H=950 mm, HU 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 fixing base. Optical assembly and die-cast aluminium glass-holder frame. 5mm thick tempered sodium-calcium closing glass with black serigraphy. 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. The body encapsulates two stainless steel rods fixed to the base that make the device highly knock and vandal-resistant. Longitudinal Asymmetric Optic (AL) with high performance Opti-smart 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. Includes a gel-based IP68 connection box for pass-through wiring. High level visual comfort for pavements and walkways. All the screws used are made of A2 stainless steel.

Installation

Can be ground/floor installed using screw anchors (on pavements) or via a fixing base and plate with Dakromet coated anchors for added protection against corrosion (to be ordered separately).

Colour

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

8

Mounting

ground surface|ground anchored

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).

Complies with EN60598-1 and pertinent regulations



IK09

IP66

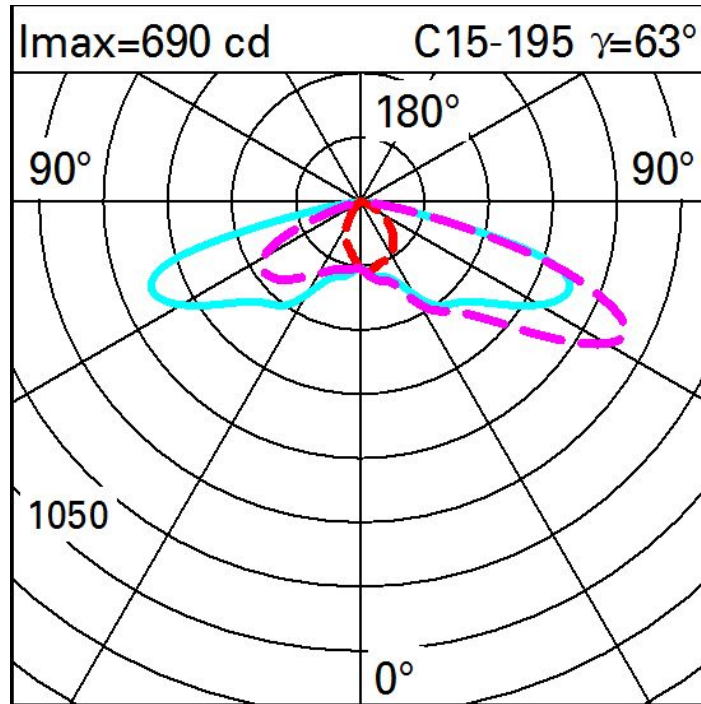


pending

Technical data

Im system:	855	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	8.7	Voltage [Vin]:	230
Im source:	1140	Lamp code:	LED
W source:	6.5	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	98.3	ZVEI Code:	LED
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.) [%]:	75	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 C16A: 85 luminaires
Colour temperature [K]:	3000	Overvoltage protection:	4kV Common mode & 2kV Differential mode
MacAdam Step:	3	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



Isolux

