

Lander

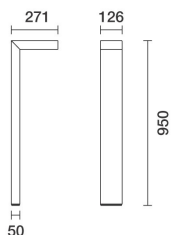
Design Renzo Piano Building Workshop

iGuzzini

Last information update: November 2023

Product configuration: AKU1

AKU1: Bollard H=950 mm, Longitudinal Asymmetric Optic, Warm LED, 220-240V ac



Product code

AKU1: Bollard H=950 mm, Longitudinal Asymmetric Optic, Warm LED, 220-240V ac **Attention! Code no longer in production**

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

Grey (15)

Weight (Kg)

8

Mounting

ground surface|ground anchored

Wiring

Product complete with 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).

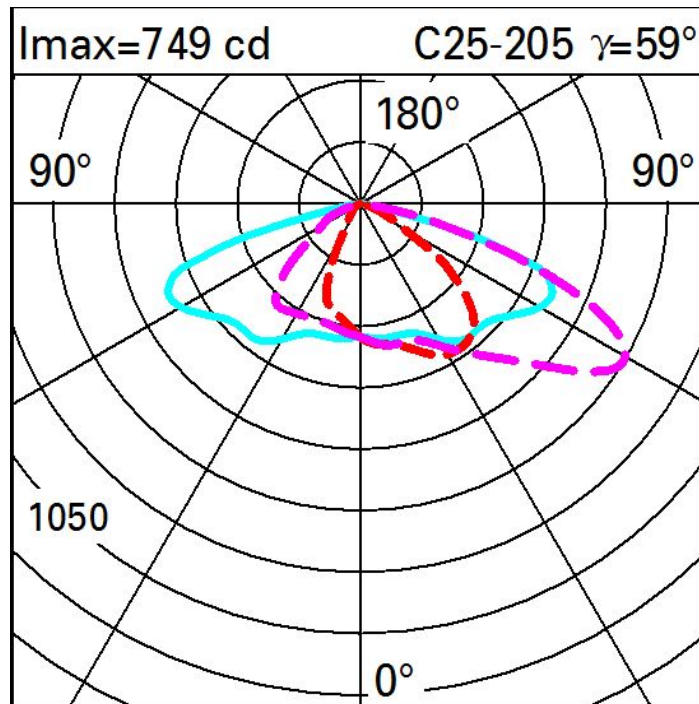
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1280	MacAdam Step:	3
W system:	11.9	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Im source:	1600	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W source:	9.8	Ballast losses [W]:	2.1
Luminous efficiency (Im/W, real value):	107.6	Voltage [Vin]:	230
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	80	ZVEI Code:	LED
CRI (minimum):	80	Number of optical assemblies:	1
CRI (typical):	82	Intervallo temperatura ambiente:	from -30°C to 50°C.
Colour temperature [K]:	3000	Control:	On/off

Polar



Isolux

