UFO

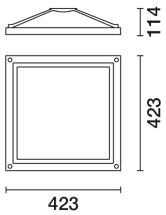
Design Piano Design **iGuzzini**

Last information update: January 2025

Product configuration: UD91
UD91: Pole-mounted system - ST1 optic - Neutral White - Ta 35°C

Product code
UD91: Pole-mounted system - ST1 optic - Neutral White - Ta 35°C

Technical description
Outdoor luminaire with a direct light street optic with a maximum ambient temperature of 35°C. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base metal, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. A sodium - calcium closing glass with silicone seal for the frame closes the LED assembly, which is fixed to the component-holder box by 4 screws. The optical assembly is fixed to the arm by 4 securing screws with an anti-loosening device. A 60 Shore silicone gasket located between the two parts guarantees a high IP66 level. Complete with circuit fitted with Warm White monochrome LEDs. Replaceable LED unit. 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). Power supply, connected using quick-couplings and removed using clips. DALI electronic power supply. Wiring and optical compartment can be opened with everyday tools. All external screws are made of stainless steel.



Installation
The projector can be installed on ø76/102mm diameters via steel arms. For ø60mm to ø89mm diameters a reducer can be used.

Colour
White / white (11) | Grey/White (B5) | Black/white (F2) | Rust Brown / White (G3)

Weight (Kg)
5.8

Mounting
pole arm|pole-top side entry|pole-top

Complies with EN60598-1 and pertinent regulations

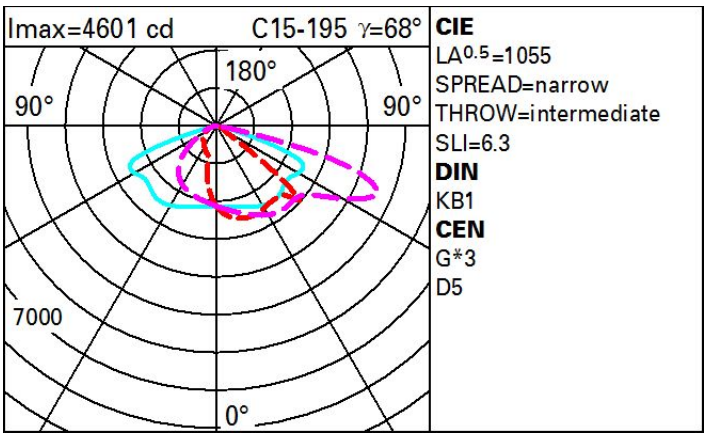
IK08 IP66

Technical data

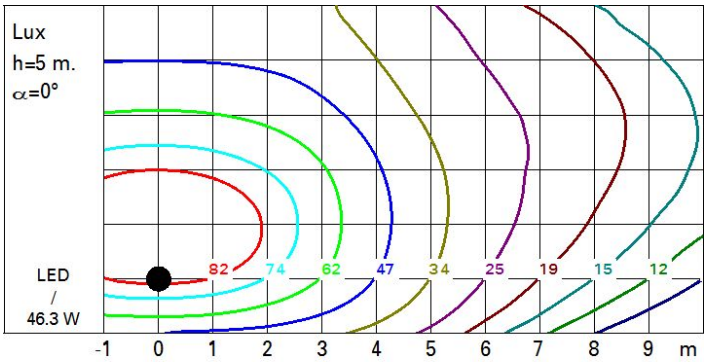
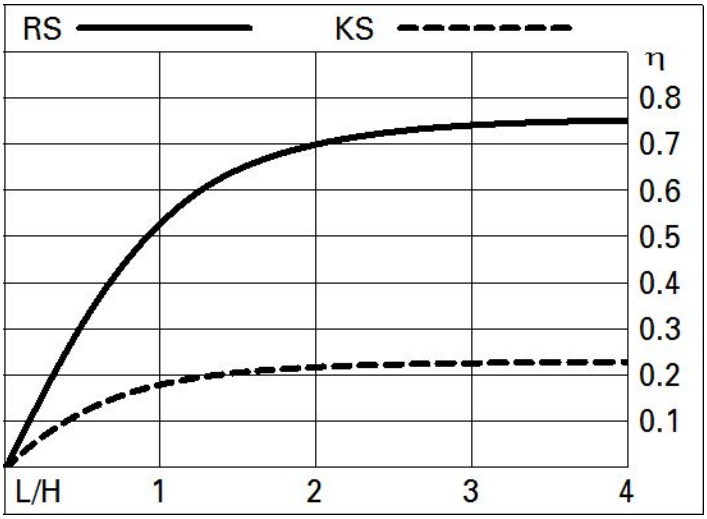
lm system:	7000
W system:	46.3
lm source:	-
W source:	-
Luminous efficiency (lm/W, real value):	151.2
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	100
CRI (minimum):	70
Colour temperature [K]:	4000
MacAdam Step:	3
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)

Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -40°C to 35°C.
Power factor:	See installation instructions
Inrush current:	32 A / - µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
Minimum dimming %:	5
Overvoltage protection:	10kV Common mode & 6kV Differential mode
Control:	Midnight preset/DALI NFC

Polar



Isolux



Utilisation factors