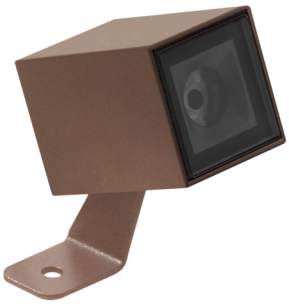
Made in Italy

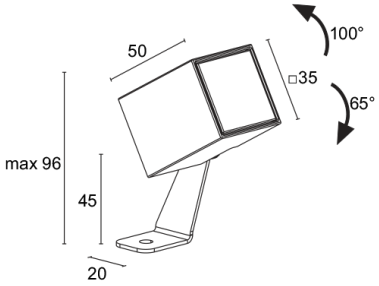
Reiko 1.0, code: RK1001000050LT

Projectors for outdoor applications

kg 0,25 IP66 IP69 (80°C) IK06

100°
65°





DESCRIPTION

projector for outdoor applications; surface mounted (ceiling, wall, ground, spike); Power consumption: 3,5W; Power supply: 24Vdc; Lumen output at source: 297 lm (3000K, 3,5W, CRI 80); Delivered lumen output: 182 lm (3000K, 21°, 3.5W, CRI 80); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 38°: optical system consisting of a high-efficiency TIR lens combined with a high-quality technical filter; CRI Colour Rendering Index: 80; Body material: body made of low-copper-content die-cast aluminium alloy EN AB 47100 for excellent resistance to corrosion. Bracket in AISI 316L stainless steel, tumble finished and painted; Finishes: cor-ten finish obtained through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1500 hours of salt spray. Paints compliant with the Qualicoat standard used in the automotive sector; RAL finish on request; Screen material: 4-mm-thick transparent extra-clear glass, with high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches, with RAL 7015 grey vitrified serigraphy around the edge; power supply unit not included; includes 1.50 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP66, IP69 (80°C); Impact resistance: IK06; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C — +50°C; Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 250 g; Dimensions: 35x35x50 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WBA08T Standard square snoot - cor-ten, WBA09T Asymmetrical square snoot - cor-ten, WF3302 Flexible cable-protection tube - 18 cm, WP0100 Spike for in-ground installation, WP1004 Fastener strap - 5 m; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

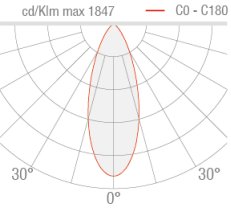
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	3,5W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED
Average LED life	60 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	38°
Lumen output at source	297 lm (3000K, 3,5W, CRI 80)
Delivered lumen output	182 lm (3000K, 21°, 3.5W, CRI 80)
MECHANICAL CHARACTERISTICS	
Dimensions	35x35x50 mm
Weight	250 g
Finishes	cor-ten
Mounting	with bracket, screws and plugs
Body material	body in die-cast aluminium, AISI 316L stainless steel bracket
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
GENERAL CHARACTERISTICS	
Ingress protection	IP66, IP69 (80°C)
Operating temperature	-20°C — +50°C
Impact resistance	IK06
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Glow wire test	960°C
Appliance class	class III
Walkover	no
Drive-over	no
Power cables	includes 1.50 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System); PID (Protective Impedance Device)
Photobiological safety	in accordance with IEC TR 62778:2014

PHOTOMETRIC DATA

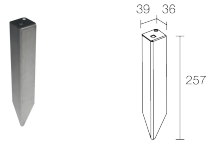
L – 38° CRI80

H (m)	∅ (m)	Lux max (3000K) 3.5W	cd/Klm max 1847 — C0 - C180
1.00	0.69	284	
2.00	1.38	71	
3.00	2.07	32	
4.00	2.75	18	
5.00	3.44	11	



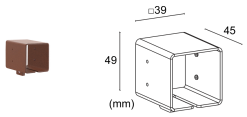
ACCESSORIES

Installation Accessories

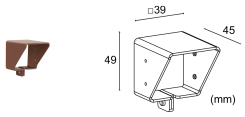


WP0100
Spike for in-ground installation

Anti-glare



WBA08T
Standard square snoot - cor-ten



WBA09T
Asymmetrical square snoot - cor-ten

Other



WF3302
Flexible cable-protection tube - 18 cm
Order together with the lighting fixture



WP1004
Fastener strap - 5 m

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.