

Outdoor architectural projector

RONDO-01

RONDO-01-80W, RONDO-01-35W, RONDO-01-20W, RONDO-01-70W




About the product

The projector RONDO-01 is designed for architectural lighting and it is the solution that ensures the opportunity to obtain attractive decorative lighting effects.

Being equipped with high performance lamps and parabolic reflectors, RONDO is energy efficient and has a positive impact on the environment.

The product is available in the variant with reflector and different optical systems and in the variant with a range of colours.



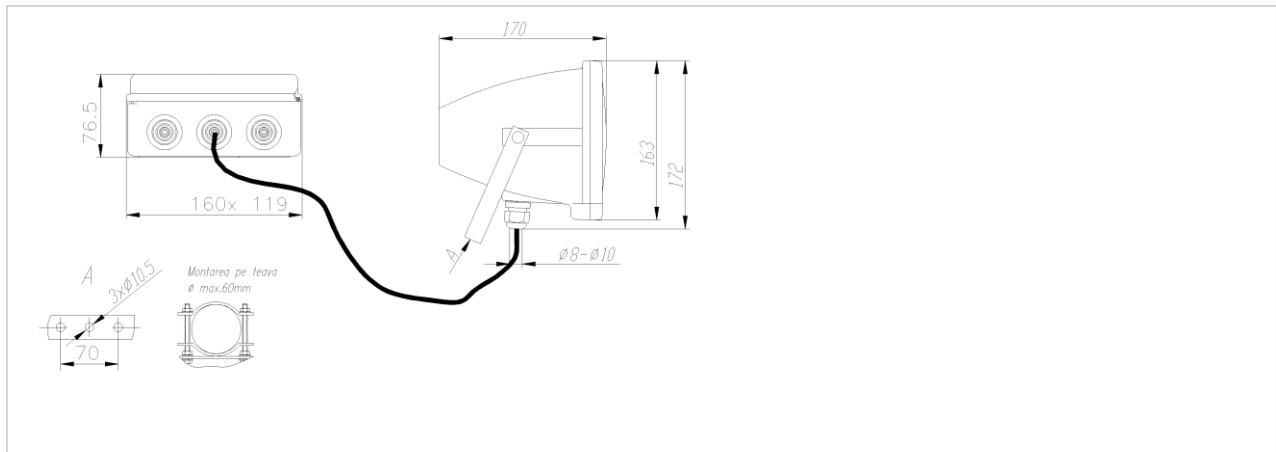
EN 60598	RoHS	IP66 optic IP65 aparataj	IK06 with plane glass IK03 with striae glass		-20°C ÷ +35°C	80W PAR38, 35W CDM-R E27 75-100W PAR 38 Halogen 20W CDM-Tm PGJ5 70W, 35W CDM-TC G8.5
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Application

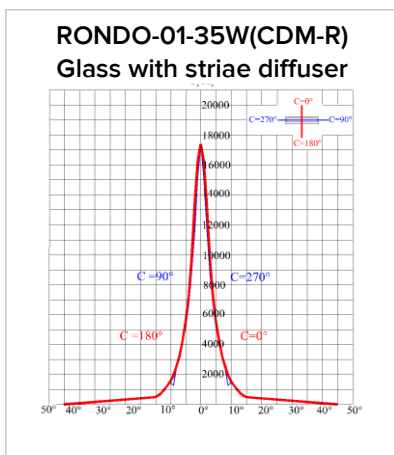
Outdoor architectural lighting.

Light source

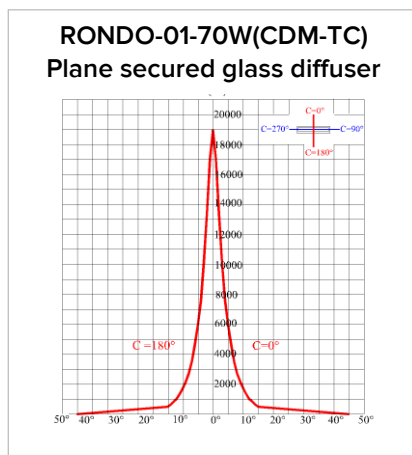
- Incandescent lamps PAR 38 -80W with different colours (red, yellow, blue, green), socket E27.
- Halogen lamps type PAR 38 Halogen 75-100W, socket E27.
- Metal halide lamp type CDM-R 35W, socket E27.
- Metal halide lamp type CDM-TC 35W, socket G8.5
- Metal halide lamp type CDM-TC 70W, socket G8.5
- Metal halide lamp type CDM-Tm 20W, socket GJ5



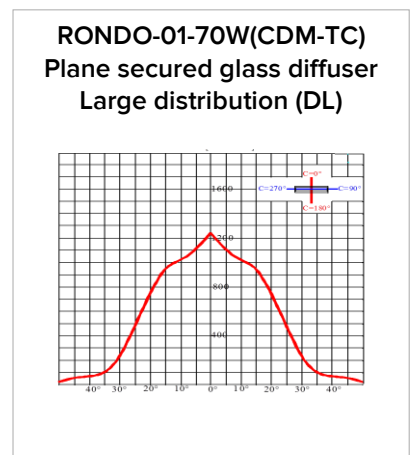
Product type	D [mm]	L [mm]	I [mm]	m [mm]
RONDO-01	163	170	172	70



Photometric data RONDO-01-35W (CDM-R) Glass with striae diffuser
 $(\frac{1}{2}I_{max} 6^{\circ}=2 \times 3^{\circ})$
L.O.R.:76%
 Light distribution diagram [Cd/1000lm]



Photometric data RONDO-01-70W (CDM-TC) Plane secured glass diffuser
 $(\frac{1}{2}I_{max} 5.6^{\circ}=2 \times 2.8^{\circ})$
L.O.R.:67%
 Light distribution diagram [Cd/1000lm]



Photometric data RONDO-01-70W (CDM-TC) Plane secured glass diffuser Large Distribution (DL)
 $(\frac{1}{2}I_{max} 44.4^{\circ}=2 \times 22.2^{\circ})$
L.O.R.:69%
 Light distribution diagram [Cd/1000lm]

Description

- Pressure cast aluminium body, that contains: the serial terminal, the earthing terminal, and the adequate socket for the type of lamp that will be mounted in the product.
- Nipple for electric cables that allows the use of a cable with a maximum 10 mm diameter.
- Pressure cast aluminium frame.
- Diffuser that could be made of plane clear secured glass, or clear glass with striae.
- The reflector is made of aluminium sheet for the variant that will be equipped with lamps type CDM-R 35W. For the variants that will be equipped with CDM-TC-35W (70W) lamps, respectively CDM-Tm 20W lamps, the products are equipped with aluminised parabolic reflectors, providing high photometric performances.
- The ingress protection IP66 of the optical unit is ensured using a nitrile rubber sealing gasket (silicone for the variant of 70W).
- The fastening of the frame on the housing is realised through three M5 stainless steel screws.
- Function of the constructive requested variant (the type of lamp for the product), the projector could be equipped with a gear box with an ingress protection IP65.
- The protection through painting is realised with polyester powders.
- The product is delivered with 1.5m cable between the optical unit and the gear box.
- Gear (for the variants for metal halide lamps) included in the product and manufactured according to the specific standards.
- Colour: grey.

Variants on request

- On request the product can be equipped with other cable lengths of max. 2m between the optical unit and the gear box.

Mounting

- Function of the requested constructive variant, the projector could be mounted on a certain surface through the mounting frame (using two screws M10) or on a bracket, with the diameter of maximum 60mm, through a fastening system delivered with the product.
- The housing of the projector could be tilted (oriented), on the vertical plane, by unscrewing the fastening screws that fasten the frame on the body (M8). That realises the orientation of the luminous flux to the area that must be illuminated.

Technical features

- Rated voltage: 230V/50Hz

- Environment temperature: -20°C ÷ + 35°C
- Relative humidity until 80% at the average temperature of + 20°C
- Saline fog: 96 hours according to SR EN 60068-2-11
- Jolt resistance: 1000 ±10 jolts, acceleration of 10g, duration of impulse: 16ms, according to SR EN 60068-2-29
- The level of radio-electric disturbances does not exceed the limits of the standard SR EN 55015:2001/A1
- Vibration resistance test: amplitude -1,5mm; frequency -4÷10Hz; duration -2 hours; duration of scavenging: 30sec.
- Mechanical impact resistance: IK06 for the variant with plane secured glass, respectively IK03 for the variant with clear glass with striae
- The luminaire is manufactured according to the standards :SR EN 60598-1, SR EN 60598-2-5

Compliance with the European Directives

- Low Voltage Directive.
- Electromagnetic Compatibility Directive.
- RoHS Directive, WEEE Directive.

The product could be realised in more variants functions of the lamp and reflector (light distribution).

Product type	Rated voltage [V]	Rated power [W]	Protection degree Optical unit	Protection degree Gear box	Class of protection against electric shock	Weight [Kg]	Recommended lamp type /socket
RONDO-01-80W	230	80	IP66	-	I	2.3	PAR38 / E27
RONDO-01-35W (CDM-R E27)	230	35	IP66	IP65	I	3.5	CDM-R / E27
RONDO-01-20W	230	20	IP66	IP65	I	2.3	CDM-Tm / PGJ5
RONDO-01-35W (CDM-TC G8.5)	230	35	IP66	IP65	I	2.3	CDM-TC / G8.5
RONDO-01-70W	230	70	IP66	IP65	I	2.3	CDM-TC / G8.5
RONDO-01-70W DL	230	70	IP66	IP65	I	2.3	CDM-TC / G8.5

DL = with large light distribution reflector

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