

SERIES LED LIGHTING TYPE „LEDROSE“

Series include following types of products:

LedRose 105W32-230, LedRose 155W48-230 and LedRose 205W60-230;

Name of Producer: “INDUSTRIAL LIGHTING” LTD

Purpose:

The Series LED lighting type LEDROSE is created as high class lightning designed to satisfy highest requirements for efficiency, durability and quality. In the production of the product are used only high quality elements of European producers, as follows:



LEDs:

Oslon Square – “Osram GmbH” Germany;

Power supply:

OPTOTRONIC® OTp – “Osram GmbH” Germany;

Fasteners:

Only stainless steel according DIN 933;

Technical parameters according producers documentation:

LED light for indoor and outdoor use with dimensions 800/350/90mm. and weight of 9kg.

Led lighting type LedRose	105W32-230	155W48-230	205W60-230
Operating voltage	220-240V 50/60 Hz		
Wattage including ballast (watts)	105 W	155 W	205W
Color temperature	4 000 K		
Color rendering index CRI	>70		
Luminous flux emitted by a luminaire	11 550 lm	17 050 lm	22 550 lm
Light output of the luminaire	110 lm /W	110 lm/W	110 lm/W

Control options: Dali – 0/10V – Dimming – Virtual Midnight Dimming

Part color: RAL Grey 900 sanded or any other color according to RAL specification by customer requirements.

Die casting Aluminium body, produced with aluminium alloy with enhanced heat exchange characteristics.

Color temperature of LEDs standard production 4000 K.

According to customers requirements temperature can be produce in the range from 3 000K to 6 000K.

Degree of protection IP 66:

The degree of protection of LED lighting bodies, which the corpus provides against penetration of foreign particles, dust, dirt and water.

Luminaries LedRose provides:

Complete protection against contact, protection from infiltration of dust and protection against heavy seas, or powerful jets of water.

Degree of protection IK 08:

One of the key parameter of outdoor mounted luminaries is the high resistance of mechanical interference-defined in two digit code IK.

- From 0-lack of protection
- From 10-protection of interference equivalent of 20J energy

The degree of IK 10 is equivalent on hits with steel hammer with 1.7kg weight, falling on luminary body from 29.5 centimeters height

High degree of resistance of mechanical interference is highly important in case where luminaries are used on streets, roads, sidewalks, in general when used in areas with concentrated vandalism activities.

Certification:

Luminaries LedRose has full **CE** certification.

Description of the electrical connection assembly

Connection of the product to the electricity network is performed by qualified and pre instructed personal, qualified in the safety procedures. The cable coming out from the lamp has to be connected to the electricity network 230V-50Hz in the following order-brown cable is connected to L(phase), blue cable is connected to N(zero), yellowgreen cable has to be connected to ground.

Description of the mechanical connection

Installation to be performed only by qualified and pre instructed personnel, trained in safety procedures. Installation is completed by 2 bolts M8x20. Mounting diameter 42-60 mm. Tilting -5 /+15 degrees.

Quality control:

The device is controlled from the authorities of quality control and reply to the technical requirements. Replacing of components of the luminary has to be performed only with original parts supplied by the producer. Repair is performed only from authorized representative of the producer.

Warranty conditions:

LED luminaries from the series LedRose have 60 months warranty from the date of sale. All eventual malfunctions during warranty period are 60 months from date of purchase. All eventual malfunctions in this period are repaired free of change in the conditions of:

- All conditions for installation, operation, transport and storage of the device
- There are no signs of attempts of opening the device and/or repair by non-authorized personal of Industrial lighting LTD.

Producer's address:

“Industrial lighting” Ltd,
1839 Sofia, 15 Kremikovsko shose Str.,

e-mail: office@industriallighting.eu

web site: www.industriallighting.eu