

SERIES LED LIGHTING TYPE „CASSIOPEYA BP“

Series include following types of products:

Cassiopeya BP 38W144-230, Cassiopeya BP 48W144-230 and Cassiopeya BP 55W144-230;

Name of Producer: “INDUSTRIAL LIGHTING” LTD

Purpose:

The Series LED lighting type CASSIOPEYA BP is created as high class office lightning designed to satisfy highest requirements for efficiency, design and quality.

In the production of the product are used only high quality elements of European producers, as follows:

LEDs: “Osram GmbH” Germany;

Power supply: “Osram GmbH” Germany;

Diffusor and cover: BASF – Germany;

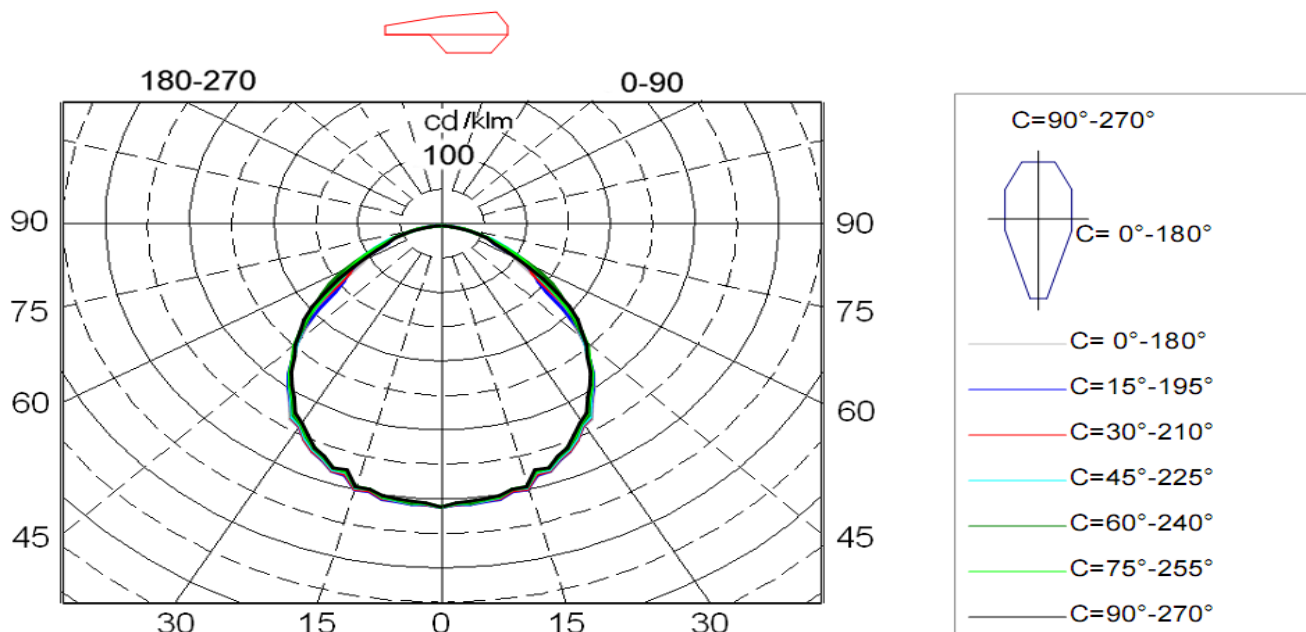
Technical parameters according producers documentation:

LED light for indoor and outdoor use with dimensions 595/595/70mm. and weight of 4 kg.

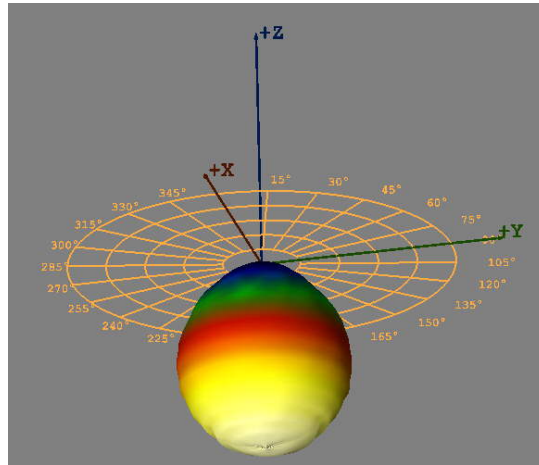
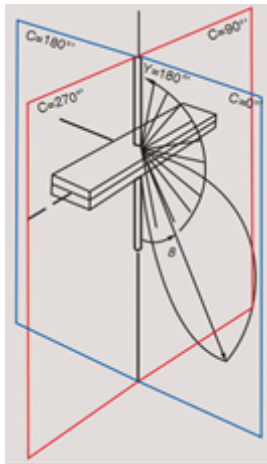


Test results

Product name Cassiopeya BP	38W144-230	48W144-230	55W144-230
Operating voltage AC [V]	AC 230 V		
Wattage including ballast [W]	38 W	48 W	55 W
Cos(φ)	0,99		
Color temperature [K]	4060 K		
Color rendering index CRI	81		
Luminous flux emitted by a luminaire [lm]	6 414 lm	7 795 lm	8 564 lm
Light output of the luminaire [lm/W]	168,8 lm /W	162,4 lm/W	155,7 lm/W



Luminaire light distribution of polar coordinates in the conditional flux 1000lm.



Luminaire light distribution of the 3D

Part color: White

Color temperature of LEDs: standard production 4000K.

According to customers requirements temperature can be produce in the range from 2700K to 6500K.

Index of color rendering:

Color rendering of light sources is indicator of their capability to display realistically the colors of certain object. According to CIE (International Lighting Commission) index vary from 0 to 100, where 0 is worst and 100 is best.

Group	R _a	Significance	Typical Application
1A	90..100	Exact color match	Galleries, medical examination, color processing
1B	80...90	Colors can be properly defined	Houses, hotels, offices, schools
2	60...80	Fair color rendering	Industry, office, schools
3	40...60	Color rendering is not a of big significance	Industry, sport arenas
4	20...40	Color rendering is not important	Street lighting

Standard lighting Cassiopeia BP is with index of color rendering CRI min 80
According to customer specification lamp can be produced with LED index CRI min 90.

Operating temperature of the lamp is from -10 °C to +40 °C

Certification

Luminaries Cassiopeya BP 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.

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 Cassiopeq BP 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 charge 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:

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