

InLED Luminaire with joint arm and transformer



DESCRIPTION:

The InLED luminaire is suitable for local lighting of smaller objects and is recommended as a replacement for older halogen luminaires with an input power of 50 to 75W. The luminaire body is made of extruded aluminum profile, fitted with one LED chip and complemented by an aspherical glass lens. The luminaire is equipped with a rocker switch with a plastic cover located on the side of the transformer cover, the overall degree of protection is IP67.

The luminaire can be fitted with lenses with a peak angle of 16°, 40°, and 120°. Inside the luminaire is a switched power supply that provides together with the transformer in plastic housing constant current power to the LEDs over a range of supply voltages 230VAC +-20%.

The luminaire is attached by a two-part articulated arm mounted to the plastic transformer housing. The transformer housing has three holes for fixing screws. The cable outlet from the housing is through a gland on the side.

TECHNICAL PARAMETERS:

- Supply voltage 230 V AC $\pm 20\%$
- Consumption 11 W
- Light source LED Cree XP-L $R_a=80$
- Luminous flux 1500 lm
- Minimal lifetime 80 000 h
- Ingress protection IP67
- Ambient operating temperature -20 to $+50^{\circ}\text{C}$

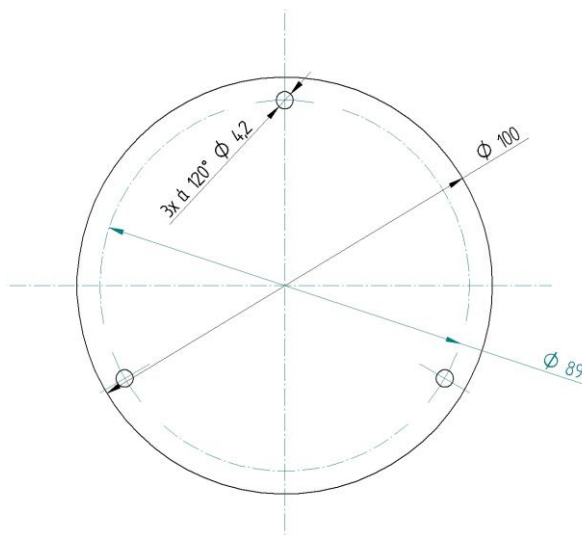
ADVANTAGES:

- Minimal workpiece heating
- Small dimensions of the luminaire, allowing to place the luminaire close to the illuminated object
- Robust articulated arm with large extension and high braking force
- Shock and vibration resistant
- Wide range of glass lenses
- Good color rendering
- The service life of the luminaire is at least 80 000 hours
- Return compared to a 50W halogen lamp approx. 2 months (lit 16 hours a day)

DIMENSIONS:

- Luminaire body diameter 70 mm
- Luminaire body height 70 mm
- Transformer housing height 100 mm
- Standard length of one arm 400 mm

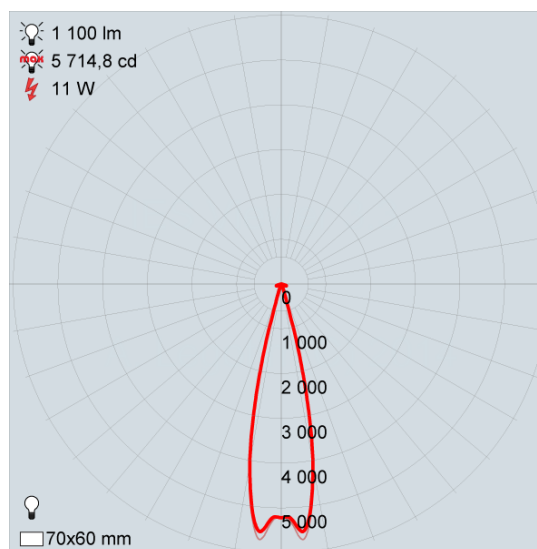
Luminaire mounting drawing:



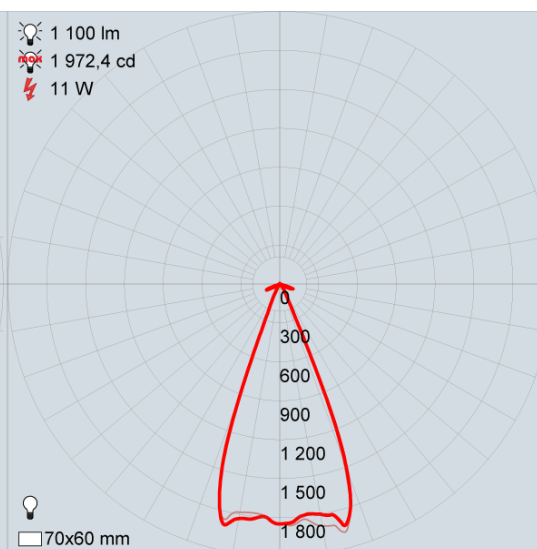
Order Code	Beam angle of the lens	Outlet
InLED/RV7/KX1/40D/TA	40°	Side cable gland
InLED/RV7/KX1/16D/TA	16°	Side cable gland
InLED/RV7/KX1/120D/TA	120°	Side cable gland

LUMINOSITY CURVES:

InLED/.../16D



InLED/.../40D°



InLED/.../120D

