

S6IRI4532

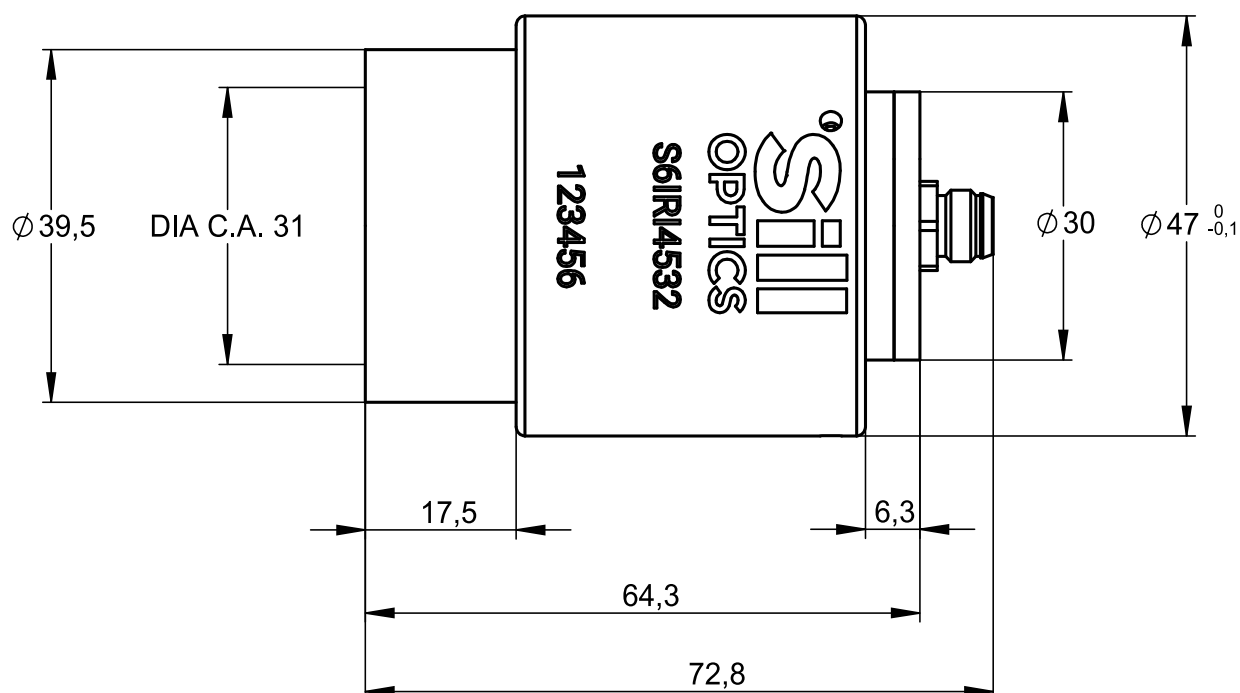
LED Condenser 4.Gen.

TC30 470nm

- telecentric illumination with high power LED
- 470 nm



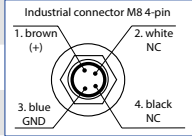
outline drawing



DATA SHEET

specifications

article number	S6IRI4532
LED wavelength [nm]	470
LED	Osram Osconiq GB QSSPA1.13
effective focal length [mm]	30.0
clear aperture [mm]	31.0
length [mm]	72.8
recommended working distance [mm]	15.0 - 100.0
typ. forward voltage [V] @350mA	2.93
max. current [mA]	1000
connection	M8 / 4-pin male
pin assignment	pin1: (+); pin2: NC; pin3: GND; pin4: NC
weight [kg]	0.2
accessory	S5SET0022 (mount)



Industrial connector M8 4-pin
1. brown (+)
2. white NC
3. blue GND
4. black NC

remarks

- operation only in DC mode
- operation either in continued or in flashed mode possible
- continuous operation only with limited current
- infinitely variable brightness by increasing the current up to max. value
- ambient temperature at max. continuous current: up to 60°C

Safety:
Attention!
• please avoid water and other liquids
• mounting can get hot during use

- LED risk group 3 (DIN EN 62471:2009-03) at 1.000 mA - precautions necessary!**
- **Use laser protection eyewear for installation and adjustment of the illumination system**
 - **Avoid direct eye exposure by mechanical separation of illumination path and operator**
 - **Update safety instructions annually for operators who handle these illumination systems or work next to the application**

Warranty: Attention! Please do not open the condenser, due to warranty issues. Warranty will be expired, if seal is broken.

Data given by design.

- Possible modifications for S6IRIxxxx:
- other wavelength of Osram Synios or Osram Osconiq P3030 series
 - glued
 - integrated diffusor
 - customized mechanics
 - customized connector

RoHS
compliant