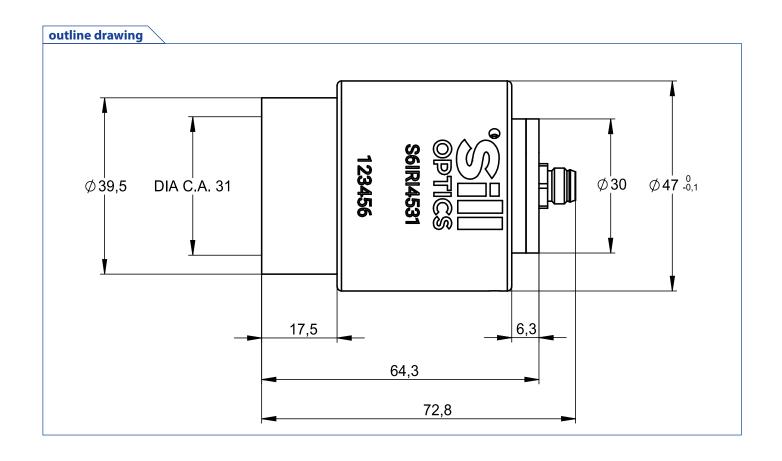
DATA SHEET



S6IRI4531 LED Condenser 4.Gen. TC30 623nm

telecentric illumination with high power LED
623 nm





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DATA SHEET



specifications		
article number	S6IRI4531	
LED wavelength [nm]	623	
LED	Osram Osconiq GR QSSPA1.13	
effective focal length [mm]	30.0	
clear aperture [mm]	31.0	
length [mm]	74.2	
recommended working distance [mm]	15.0 - 100.0	
typ. forward voltage [V] @350mA	2.18	
max. current [mA]	1000	Industrial connector M8 4-pin 1.brown (+) 3.blue GND 4.black NC
connection	M8 / 4-pin male	
pin assignement	pin1: (+); pin2: NC; pin3: GND; pin4: NC	
weight [kg]	0.2	
accessory	S5SET0022 (mount)	

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 S6lR1xxxx: - other wavelength of Osram Synios or Osram Osconiq P3030 series - glued - integrated diffusor - customized mechanics - customized connector	

RoHS compliant

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