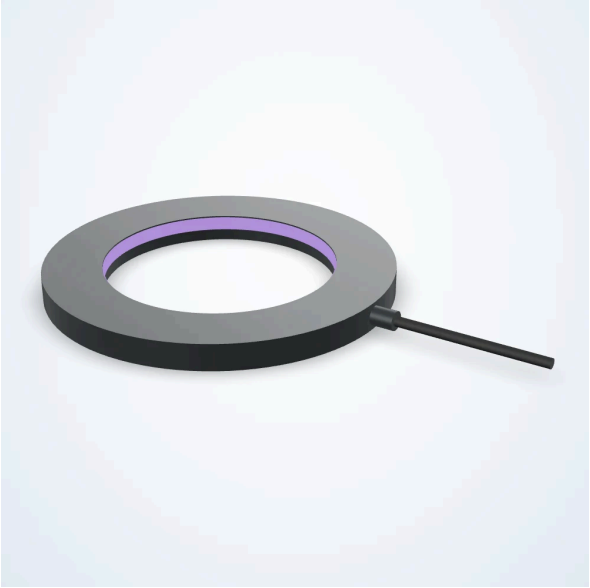
Dark field ring light, 183.4 mm

LS-RNG-0032 series · Ring lights · 1 model

LED ring light that mounts around the lens for even, on-axis illumination of the field of view. 24 VDC supply; connection: flying leads. Choose colour, driver included, driver location, intensity control, operating modes below (72 configurations) and request a quote. Rendered illustration: the actual product may differ in appearance.



Options

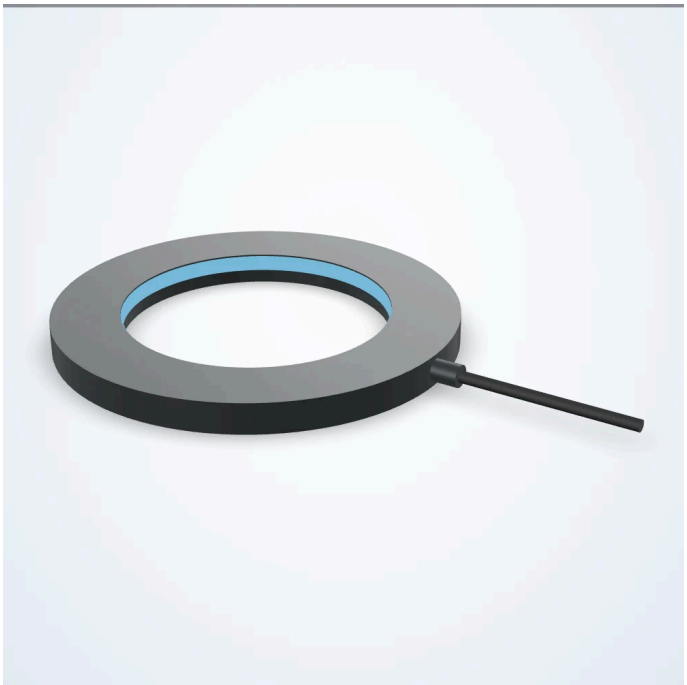
Colour	395nm Ultraviolet (UV), 470nm Blue, 520nm Green, 625nm Red, WHITE
Driver included	No Driver Required, Included
Driver location	No Driver, In Line
Intensity control	Not listed, Analog Voltage
Operating modes	Constant On, Constant On, Constant On – Dimmable, Overcurrent Strobe, Overcurrent Strobe - Dimmable, Constant On, Constant On – Dimmable
Strobe trigger input	Constant On Only, PNP Trigger
Field of view	35 mm, 45 mm, 70 mm
Version	Standard, Version 1, Version 2, Version 3, Version 4

Order by the full LS number of the chosen configuration; we confirm it with your quote.

Common specifications

Lit diameter (mm)	183.4
Height (mm)	14.2
Outer diameter (mm)	183.4
Inner diameter (mm)	121.4
Viewport diameter (mm)	121.4
Voltage	24 VDC
Connector	Flying Leads
Connection at light	Hardwired
Cable length (mm)	2000
Operating temperature	up to 60 °C
Housing	Aluminum
Mounting	Tapped Holes
Collimated	Not Collimated
Daisy chain	No
Diffused	Not Diffused
Direct connect	No
Maximum constant on current (ma)	180 / 240 (by configuration)
Maximum current (overcurrent strobe) (ma)	8000 (by configuration)
Maximum duty cycle (%)	100
Maximum input power constant on (w)	4.3 / 5.8 (by configuration)
Maximum input power overcurrent strobe (w)	125 (by configuration)
Maximum overcurrent strobe frequency (hz)	2000 (by configuration)
Maximum overcurrent strobe latency (us)	60 (by configuration)
Minimum overcurrent strobe duration (us)	30 (by configuration)
NPN trigger voltage (v)	< 1 VDC (by configuration)
PNP trigger current (ma)	5 (by configuration)
PNP trigger voltage (v)	2.5-30 VDC (by configuration)
Polarized	Not Polarized
Compliance	CE, IEC 62471, RoHS

Models

Model
LS-RNG-0032

Product views