

Ring light, 158.8 mm

LS-RNG-0033 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: 5 pin m12 male a-coded. Choose colour, lens / beam angle, operating modes, polarized below (36 configurations) and request a quote. Rendered illustration: the actual product may differ in appearance.



Options

Colour	625nm Red, 850nm Infrared, WHITE, 470nm Blue
Lens / beam angle	14 Degree, 10 Degree, 30 Degree
Operating modes	Overcurrent Strobe, Overcurrent Strobe – Dimmable, Constant On, Constant On – Dimmable, Overcurrent Strobe, Overcurrent Strobe – Dimmable, Strobe, Strobe – Dimmable
Polarized	Not Polarized, Polarized

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

Common specifications

Lit diameter (mm)	134
Height (mm)	40.2
Outer diameter (mm)	158.8
Inner diameter (mm)	84.3
Viewport diameter (mm)	62.2
Voltage	24 VDC

Connector	5 Pin M12 Male A-Coded
Connection at light	Connectorized
Driver included	Included
Driver location	Internal
Intensity control	Analog Voltage
Strobe trigger input	NPN Trigger, PNP Trigger
Operating temperature	10 to 40 °C
IP rating	IP65
Housing	Aluminum
Mounting	T-Slot Channels
Collimated	Not Collimated
Daisy chain	No
Diffused	Not Diffused
Direct connect	No
Max overcurrent strobe current	2300 mA
Maximum constant on current (ma)	750 (by configuration)
Maximum current (overcurrent strobe) (ma)	2300
Maximum duty cycle (%)	3.5 / 100 (by configuration)
Maximum input power constant on (w)	18 (by configuration)
Maximum input power overcurrent strobe (w)	18 / 55 (by configuration)
Maximum overcurrent strobe duration (ms)	7 / 9 (by configuration)
Maximum overcurrent strobe duty cycle (%)	3.5 / 7 (by configuration)
Maximum overcurrent strobe frequency (hz)	4000
Maximum overcurrent strobe latency (us)	6
Maximum strobe current (ma)	750 (by configuration)
Maximum strobe duration (ms)	No Limit (by configuration)
Maximum strobe duty cycle (%)	100 (by configuration)
Maximum strobe frequency (hz)	4000 (by configuration)
Maximum strobe input power (w)	18 (by configuration)
Maximum strobe latency (us)	30 (by configuration)
Minimum overcurrent strobe duration (us)	10 / 25 (by configuration)
Minimum strobe duration (us)	30 (by configuration)
NPN trigger current (ma)	10
NPN trigger voltage (v)	< 1 VDC
PNP trigger current (ma)	13.4
PNP trigger voltage (v)	3.3-24 VDC
Storage temperature	20 to 70 °C
Compliance	CE, CSA, FCC, IEC 62471, RoHS, UL

Models

Model

LS-
RNG-0033

Product views

