

Shadowless ring light (RNS series)

LS-RNS series · Ring lights · 4 models

Shadowless ring light with SMD LEDs and a uniformity diffuser for even, diffuse illumination.

Features

- Uniformity diffuser
- SMD LEDs
- Three-colour RGB light source, outer/inner diameter and height, wavelength/colour temperature, illumination angle, mounting and input wire length customization



Applications

- High-speed pipelined surface inspection of electronic components
- Dirt detection on the inner wall surface of cylindrical objects
- Beverage bottle cap surface dirt detection
- Bearing rust detection
- Plastic parts character detection

Colours

R	620-630 nm
G	520-530 nm
B	460-470 nm
W	6000-7500 K

Common specifications

Voltage	24 V DC
Operating environment (indoor)	temperature 0~40 °C, humidity 20~85% (non condensing)
Working life	white: 30000 hours, red: 30000 hours (the value varies according to the use environment)
Power tolerance	actual product power within $\pm 10\%$ of the table is the normal range
Quality service	one year product warranty, technical support

Ordering code: LS-RNS<outer dia.><inner dia.>--<R/G/B/W/IR/UV>

Models

Model	Power red (W)	Power blue/green/white (W)	Inner diameter (mm)	Outer diameter (mm)	Thickness (mm)
LS-RNS8036 colours: R, B, G, W	2.5	3.8	36	80	26
LS-RNS12035 colours: R, B, G, W	-	5	35	120	31
LS-RNS12071 colours: R, B, G, W	7	8.5	71	120	24
LS-RNS145100 colours: R, B, G, W	-	12	100	145	25

More values per model (Voltage (V), LED SMD, Uniformity diffuser) are on each product page.

Dimensions

