

Infrared light (NIR)

LS-NIR series · Ring lights · 15 models

NIR light series is composed of LEDs which wavelength is 850-940nm (optional). The longer wavelength is, the better penetration is. The wavelength can be chose by CCD chip sensor of infrared camera. An ideal image is obtained by using the characteristic of good penetration. It is suitable for recognized foreign matters and characters etc. through solid or liquid dyes and ink.



Features

- Strong penetration, wavelength optional: 850/940nm
- Use with high sensitive CCD of near infrared field
- Use with infrared glass filter, adapt to strong ambient light applications

Applications

- Monitoring
- Packing (through the plastic packing)
- Foreign matter of wine bottle inspection
- Electronic, semiconductor inspection

Common specifications

Note	UV & NIR light can be customized as required.
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Voltage 24V

Models

Model	Product	Dimension	Power
LS-RN5060-NIR	Ring infrared light	Out dia. 50,Inner dia. 28.5,Height 19.5mm	1.2W
LS-RN7090-NIR	Ring infrared light	Out dia. 70,Inner dia. 36,Height 20.5mm	2.6W
LS-RN12030-NIR	Ring infrared light	Out dia. 120,Inner dia. 80,Height 23mm	4.4W
LS-3COX40-NIR	Coaxial infrared light	L74xW50xH50(mm)	1.5W
LS-3COX50-NIR	Coaxial infrared light	L84xW60xH60(mm)	2.4W
LS-4FT5050-NIR	Back infrared light	L64xW64xH17(mm)	2.4W
LS-4FT7070-NIR	Back infrared light	L84xW84xH17(mm)	3.9W
LS-4FT8080-NIR	Back infrared light	L94xW94xH17(mm)	4.4W
LS-4FT100100-NIR	Back infrared light	L114xW114xH17(mm)	7.7W
LS-4FT150150-NIR	Back infrared light	L164xW164xH17(mm)	11.6W
LS-4BR6016-NIR	Bar infrared light	L72xW22xH26(mm)	1.0W
LS-4BR9016-NIR	Bar infrared light	L102xW22xH26(mm)	1.5W
LS-4BR18016-NIR	Bar infrared light	L192xW22xH26(mm)	2.9W
LS-4BR7530-NIR	Bar infrared light	L87xW36xH26(mm)	2.2W
LS-4BR12530-NIR	Bar infrared light	L137xW36xH26(mm)	3.6W

Performance

