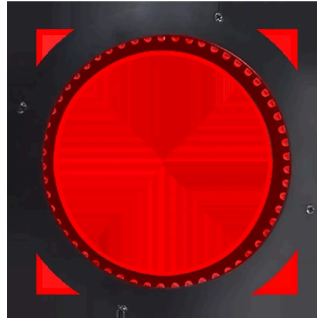


Ring light (2RN series)

LS-2RN series · Ring lights · 51 models

Ring light for direct illumination; the light angle (between the light direction and the horizontal plane) is offered at 0, 30, 45, 60 and 90 degrees, in SMD or DIP LED versions.



Features

- Light angles 0, 30, 45, 60 and 90 degrees
- SMD and DIP LED versions
- Inner and outer diameter, height, wavelength/colour temperature, illumination angle, mounting and wire length customization
- Three-colour RGB light source customization

Applications

- PCB & plastic containers inspection
- Electronic components inspection & OCR on integrated circuits
- Microscope illumination, general appearance inspection
- LCD correction, font label detection
- Ceramic surface profile detection
- Fastener nut cross groove detection

Colours

R	620-639 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)
Wire length	500 mm (drawing)
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-2RN<outer dia.><inner dia.>A<angle>--<R/G/B/W/IR/UV>

Models

Model	Angle (°)	Power DIP red (W)	Power DIP blue/white (W)	Inner diameter (mm)	Outer diameter (mm)	Thickness (mm)	Power SMD red (W)
LS-2RN6030AO colours: R, B, W	0	0.6	1.2	30	60	11	-
LS-2RN7035AO colours: R, B, W	0	0.9	1.2	35	70	11	-
LS-2RN8045AO colours: R, B, W	0	0.9	1.6	45	80	11	-
LS-2RN9055AO colours: R, B, W	0	1.2	1.9	55	90	11	-
LS-2RN10065AO colours: R, B, W	0	1.2	1.9	65	100	11	-
LS-2RN12085AO colours: R, B, W	0	1.9	2.5	85	120	11	-
LS-2RN150115AO colours: R, B, W	0	1.9	3.7	115	150	11	-
LS-2RN180145AO colours: R, B, W	0	2.8	4.7	145	180	11	-
LS-2RN200170AO colours: R, B, W	0	3.2	4.7	170	200	10.5	-
LS-2RN250220AO colours: R, B, W	0	3.8	6.3	220	250	10.5	-
LS-2RN6022A30 colours: R, B, W	30	1.6	2.2	22	60	18	2.7
LS-2RN7035A30 colours: R, B, W	30	1.6	2.8	35	70	22	4.0
LS-2RN8045A30 colours: R, B, W	30	2.2	3.1	45	80	22	4.3
LS-2RN9045A30 colours: R, B, W	30	3.1	5.0	45	90	23	5.8

LS-2RN10055A30 colours: R, B, W	30	3.7	5.9	55	100	23	5.8
LS-2RN12075A30 colours: R, B, W	30	4.7	7.2	75	120	23	8.6
LS-2RN150105A30 colours: R, B, W	30	6.2	10.0	105	150	23	11.5
LS-2RN180130A30 colours: R, B, W	30	10.3	15.9	130	180	27	17.3
LS-2RN200158A30 colours: R, B, W	30	11.3	18.8	158	200	26	19.4
LS-2RN250206A30 colours: R, B, W	30	14.1	22.5	206	250	26	25.9
LS-2RN5320A45 colours: R, B, W	45	1.2	1.9	20	53	20	2.7
LS-2RN6025A45 colours: R, B, W	45	1.6	2.2	25	60	21	3.4
LS-2RN7035A45 colours: R, B, W	45	1.9	2.8	35	70	21	4.0
LS-2RN8045A45 colours: R, B, W	45	2.2	3.4	45	80	21	5.0
LS-2RN9045A45 colours: R, B, W	45	3.1	5.0	45	90	22	7.2
LS-2RN10055A45 colours: R, B, W	45	3.7	5.9	55	100	23	9.4
LS-2RN12070A45 colours: R, B, W	45	6.2	9.7	70	120	25	13.0
LS-2RN150100A45 colours: R, B, W	45	8.1	13.1	100	150	25	15.8
LS-2RN180130A45 colours: R, B, W	45	10.3	15.9	130	180	25	15.1
LS-2RN200154A45 colours: R, B, W	45	10.3	16.9	154	200	24	19.4
LS-2RN250204A45 colours: R, B, W	45	13.8	22.5	204	250	23	25.9
LS-2RN6025A60 colours: R, B, W	60	1.6	2.2	25	60	20	2.7
LS-2RN7035A60 colours: R, B, W	60	1.9	2.8	35	70	20	4.0
LS-2RN8045A60 colours: R, B, W	60	2.2	3.1	45	80	20	4.3
LS-2RN9040A60 colours: R, B, W	60	3.1	5.0	40	90	22	7.2
LS-2RN10050A60 colours: R, B, W	60	3.7	5.6	50	100	22	7.9
LS-2RN12060A60 colours: R, B, W	60	5.9	9.0	60	120	23	11.5
LS-2RN15095A60 colours: R, B, W	60	8.1	12.5	95	150	23	13.0
LS-2RN180125A60 colours: R, B, W	60	10.0	15.6	125	180	23	17.3
LS-2RN208154A60 colours: R, B, W	60	11.3	17.5	154	208	21	21.6

