

Ring light, 90 degree series (LS-R)

LS-R-90 series · Ring lights · 15 models



Ring light sources provide illumination at different angles, highlighting the three-dimensional information of objects and effectively solving the problem of shadows caused by angled illumination (high-angle direct lighting, angle, number of rings).

Features

- Illumination at different angles highlights the three-dimensional information of objects
- Reduces shadow problems caused by angled illumination
- Size can be customized according to different needs

Applications

- Connector pin positioning, QR code recognition
- PCB substrate inspection, electronic component inspection, appearance inspection
- LCD correction

Colours

R	Red
G	Green
B	Blue
W	White
IR	Infrared
UV	Ultraviolet

Common specifications

Voltage	24 V DC (12 V on request)
Illumination angle	90 deg

Ordering code: LS-R<outer dia. mm><emitting angle>-<colour> (e.g. LS-R2090-R)

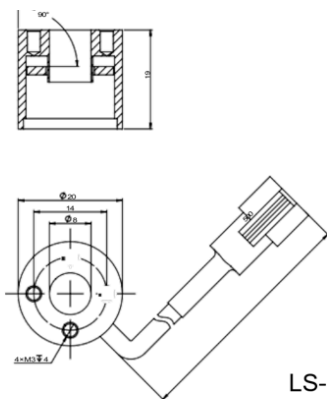
Models

Model	Number of lamp rows	Outer diameter (mm)	Inner diameter (mm)	Height (mm)	Power red (W)	Power white/blue/green (W)
LS-R2090 colours: R, G, B, W, IR, UV	1	20	8	19	1.2	1.5
LS-R2890 colours: R, G, B, W, IR, UV	2	28	10	16	0.6	1.7
LS-R3690 colours: R, G, B, W, IR, UV	2	36	18	22	0.6	1.7
LS-R4290 colours: R, G, B, W, IR, UV	2	42	18	22	0.7	1.8
LS-R5090 colours: R, G, B, W, IR, UV	2	50	25	22	0.8	1.9
LS-R5290 colours: R, G, B, W, IR, UV	2	52	25	18	1.8	2.3
LS-R6090 colours: R, G, B, W, IR, UV	2	60	33	22	1.5	2.0
LS-R7090 colours: R, G, B, W, IR, UV	3	70	36	22	1.2	2.9
LS-R8090 colours: R, G, B, W, IR, UV	3	80	40	22	1.2	2.9
LS-R9090 colours: R, G, B, W, IR, UV	4	90	38	22	2.4	5.6
LS-R10090 colours: R, G, B, W, IR, UV	4	100	52	22	2.4	2.5
LS-R12090-48 colours: R, G, B, W, IR, UV	8	120	48	22	4.2	7.2
LS-R12090-70 colours: R, G, B, W, IR, UV	8	120	70	22	4.0	7.6
LS-R15090 colours: R, G, B, W, IR, UV	8	150	60	22	4.4	8.0
LS-R18090 colours: R, G, B, W, IR, UV	8	180	70	22	4.7	8.0

More values per model (Angle classification) are on each product page.

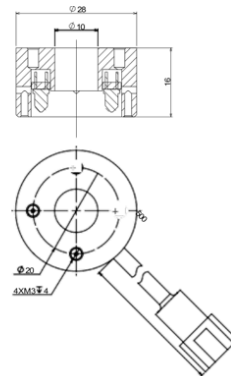
Dimensions

01



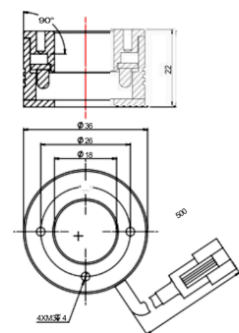
LS-R2090

02



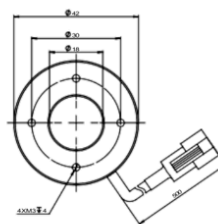
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03



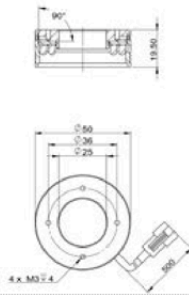
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04



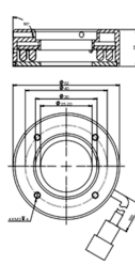
LS-R4290

05



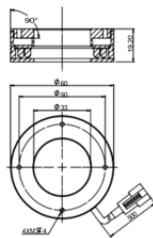
LS-R5090

06



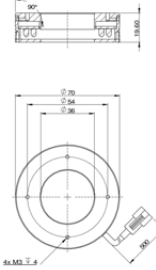
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07



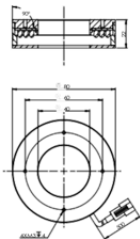
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08



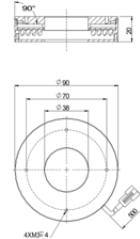
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09



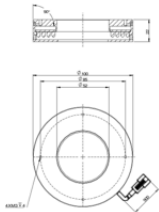
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10



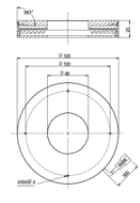
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11



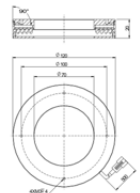
LS-R10090

12



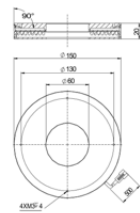
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13



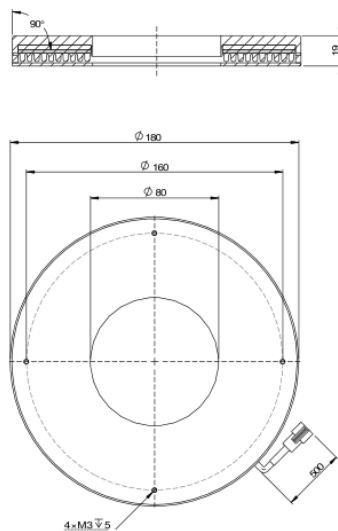
LS-R12090-70

14



LS-R15090

15



LS-R18090

Product views

