

Polarised light, POR series

LS-POR series · Ring lights · 5 models

Polarised lights that eliminate the light spots produced by the LED beads and interference from reflections on objects, with good heat dissipation from special thermally conductive materials.



Features

- Eliminates the light spots produced by the beads
- Eliminates interference caused by reflections on the objects
- Good heat dissipation using special thermal conductivity materials
- Various shapes, customisable to customer requirements

Applications

- Product label location and character inspection
- Film classification and size testing of lithium batteries
- Bar code character reading
- Capacitor character and surface dirt inspection
- Screen printed character recognition for mobile phone cases, PADS, chargers

Colours

R	620-630 nm
B	465-475 nm
W	6000-10000 K
G	520-530 nm
IR	850-940 nm
UV	365-405 nm

Common specifications

Storage temperature	20-60 °C
Operating temperature	0-40 °C
Humidity	20-85 %RH (non-condensing)
Service life	At 25 °C ambient: red works continuously for 60000 hours at 50% illumination, white 30000 hours at 50% illumination (decrement at 50%)
Warranty	1 year free maintenance or replacement for faults not caused by the user
Optional accessories	Extension cable
Controller	LS-DPS, LS-APS, LS-SPS series (match the power of the light source)
Cable length (mm)	500

Ordering code: LS-POR<OD mm><luminous angle °>-<colour> (e.g. LS-POR8090-R; the printed legend lists 'wave length: 365, 385, 395')

Models

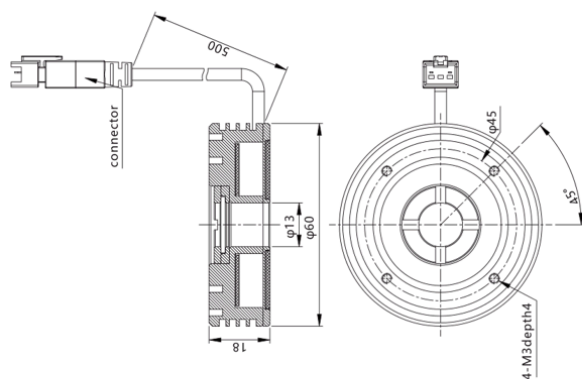
Model	Power (W)	Luminous dimension (mm)	Overall size (mm)	Mounting
LS-POR6090 colours: B, W	5	Od50	OD60 x ID13 x H18	-
LS-POR8090 colours: R, B, W	8.4	OD70	OD80 x ID38 x H18	-
LS-POR15090 colours: B, W	13	OD140	OD150 x ID96.4 x H23.3	-
LS-POB20540 colours: W	17	175 x 33	L205 x W40 x H38	2x2-M3 depth 6
LS-2POB23738 colours: B, W	17	175 x 33	L205 x W40 x H38	-

More values per model (Recommended controller) are on each product page.

Dimensions

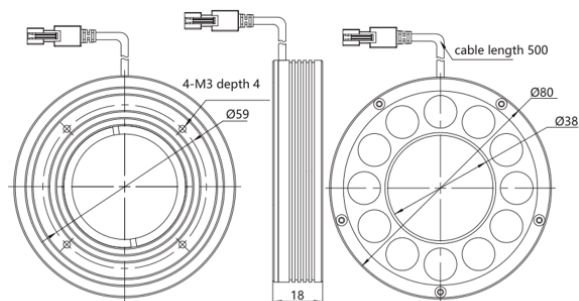
LS-POR6090

1



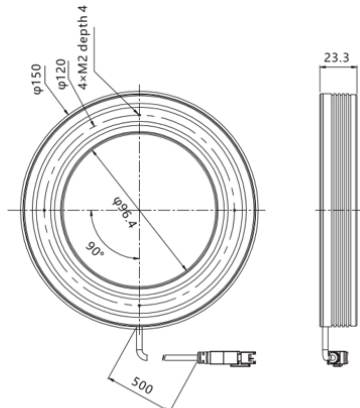
LS-POR8090

2



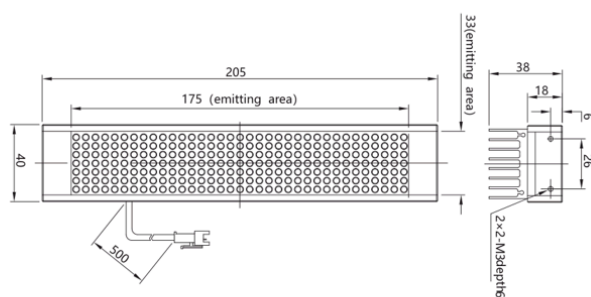
LS-POR15090

3



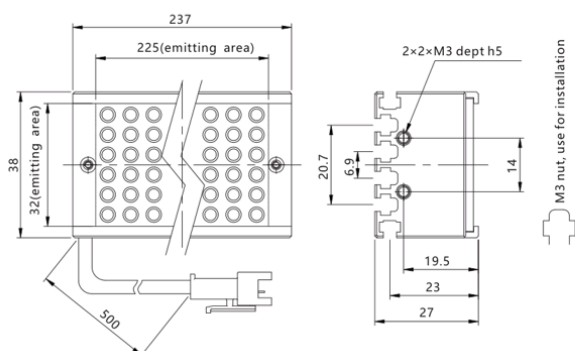
LS-POB20540

4



LS-2POB23738

5



Product views

