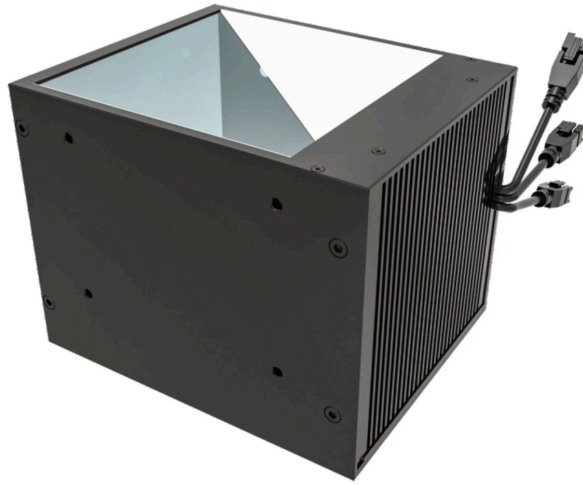


Multi-colour coaxial light, RGB series

LS-RGB-COS series · Coaxial lights · 3 models

High-density, high-brightness multi-colour (RGB) light; colour combinations highlight 3D information of objects and each lighting group can be controlled independently, so monochrome can also be chosen.



Features

- High density LED, high brightness
- Different colour combinations highlight 3D information of objects
- Each group of lighting area can be controlled independently; monochrome can be chosen to suit different sizes of measured objects
- Optional multi-colour, easy to use for multi-colour applications

Applications

- Edge extraction of various colours
- Appearance inspection of various colours
- QR code and barcode reading
- Wiper surface defect inspection
- Inspection of multi-colour products

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K

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)

Ordering code: LS-<type code><luminous dimension mm: square L, rectangle L&W>-RGB (e.g. LS-COS40-RGB; COS = coaxial light source)

Models

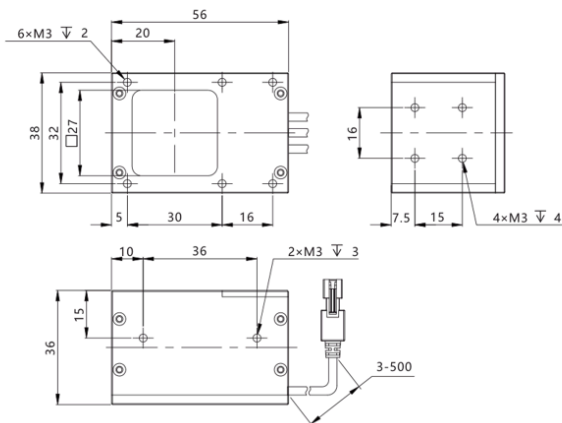
Model	Power (W)	Luminous dimension (mm)	Overall dimension (mm)	Cable
LS-COS30-RGB-M colours: R, G, B	2.1	30 x 32	67 x 40 x 40	3 x 500 mm
LS-COS40-RGBS-M colours: R, G, B	5.1	38 x 42.4	80 x 46 x 47	-
LS-COS5540-RGBAKX-M colours: R, G, B	7.1	55 x 40	73 x 63 x 45	3 cables L=500 mm

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

Dimensions

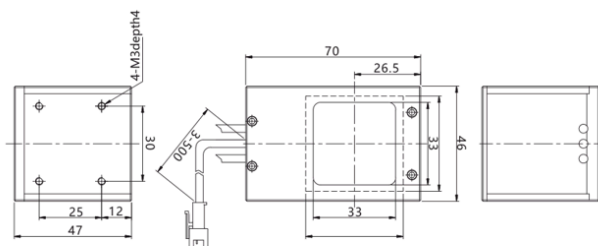
LS-COS30-M

1



LS-COS40-M

2



LS-COS5540-AKX-M

3

