

Coaxial light (CP series)

LS-CP-C series · Coaxial lights · 3 models

Coaxial light with an added brightness enhancement film for higher brightness; better light directivity makes it more suitable for surface defect inspection. High uniformity, efficient heat dissipation and a specially coated beam splitter.

Features

- Brightness enhancement film added to increase the brightness
- Better light directivity, more suitable for surface defect inspection
- High uniformity brightness and clear image
- Efficient heat dissipation, prolonged life
- Specially coated beam splitter to reduce light loss

Applications

- Scratch inspection for metal surfaces
- Smooth surface convex and pit inspection
- Character detection for smooth surfaces
- Positioning inspection for metal contours
- Size inspection for smooth objects
- QR code inspection
- Mark location inspection on circuit boards
- Dimension inspection for cell phone frames

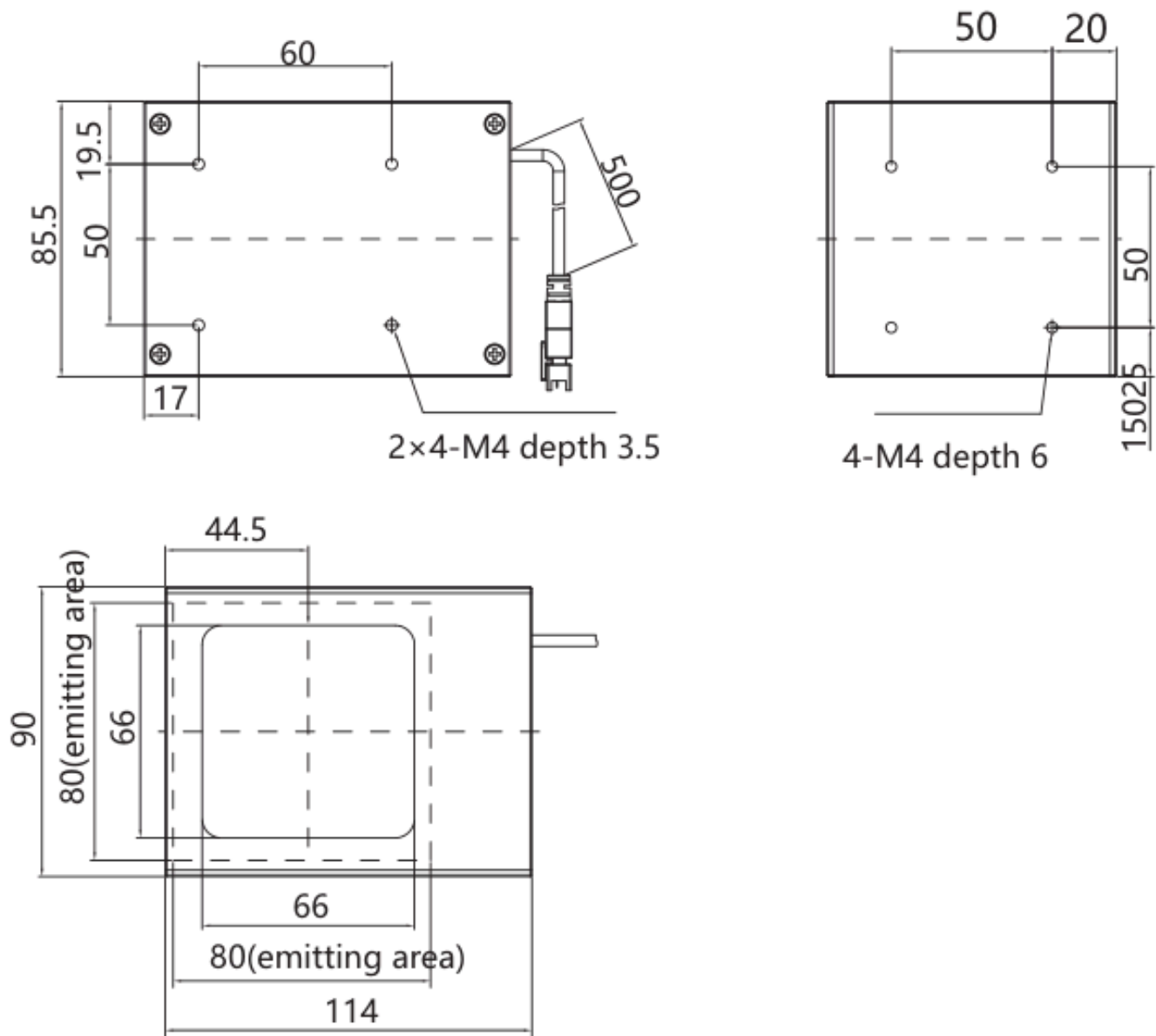


Colours

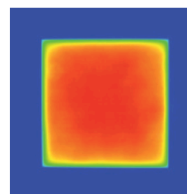
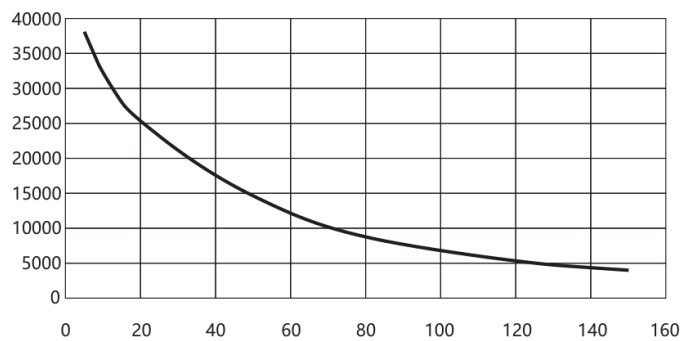
R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

Common specifications

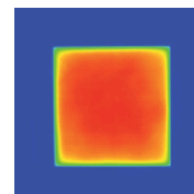
Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K
Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable, diffuse plate
Controller	LS-DPS series, LS-APS series, LS-SPS series (the selected controller should match the power of the light source)
Service life	Red: 60000 h continuous at 25 °C and 50% illumination until 50% decrement; white: 30000 h under the same conditions
Warranty	1 year free maintenance or replacement for faults not caused by the user



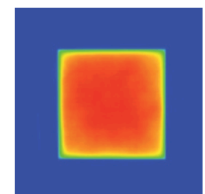
Performance



LWD=10mm



LWD=50mm



LWD=100mm

Product views

