

Coaxial light (COS series)

LS-COS series · Coaxial lights · 14 models

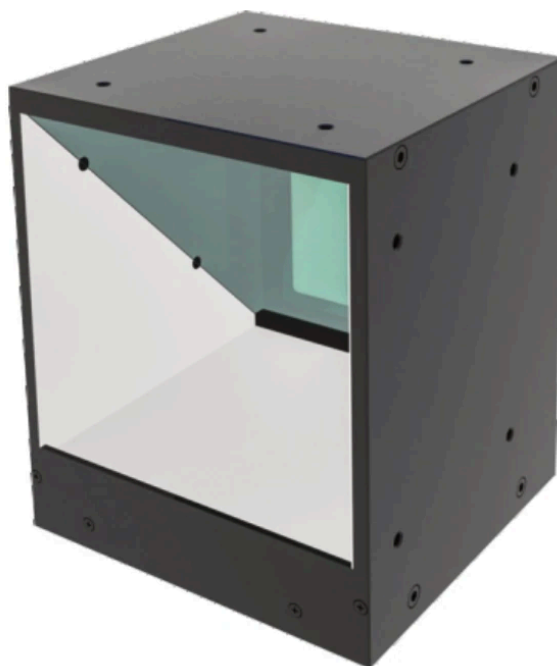
Coaxial light with high uniformity and clear imaging; efficient heat dissipation prolongs life, and a specially coated beam splitter reduces light loss. It highlights unevenness on the object surface and eliminates reflection.

Features

- High uniformity, clear imaging
- Highly effective heat dissipation, prolonged life-span
- Reduced light loss by the beam splitter with special coating
- Highlights the unevenness on the object surface, eliminates reflection

Applications

- Scratches on high-reflective surfaces, bubbles and other defects inspection
- Inspection of breakage on chip parts and silicon wafers
- LED surface defect inspection
- Mark point positioning
- QR code recognition
- Dial angle measurement
- PCB inspection
- LED lampholder positioning

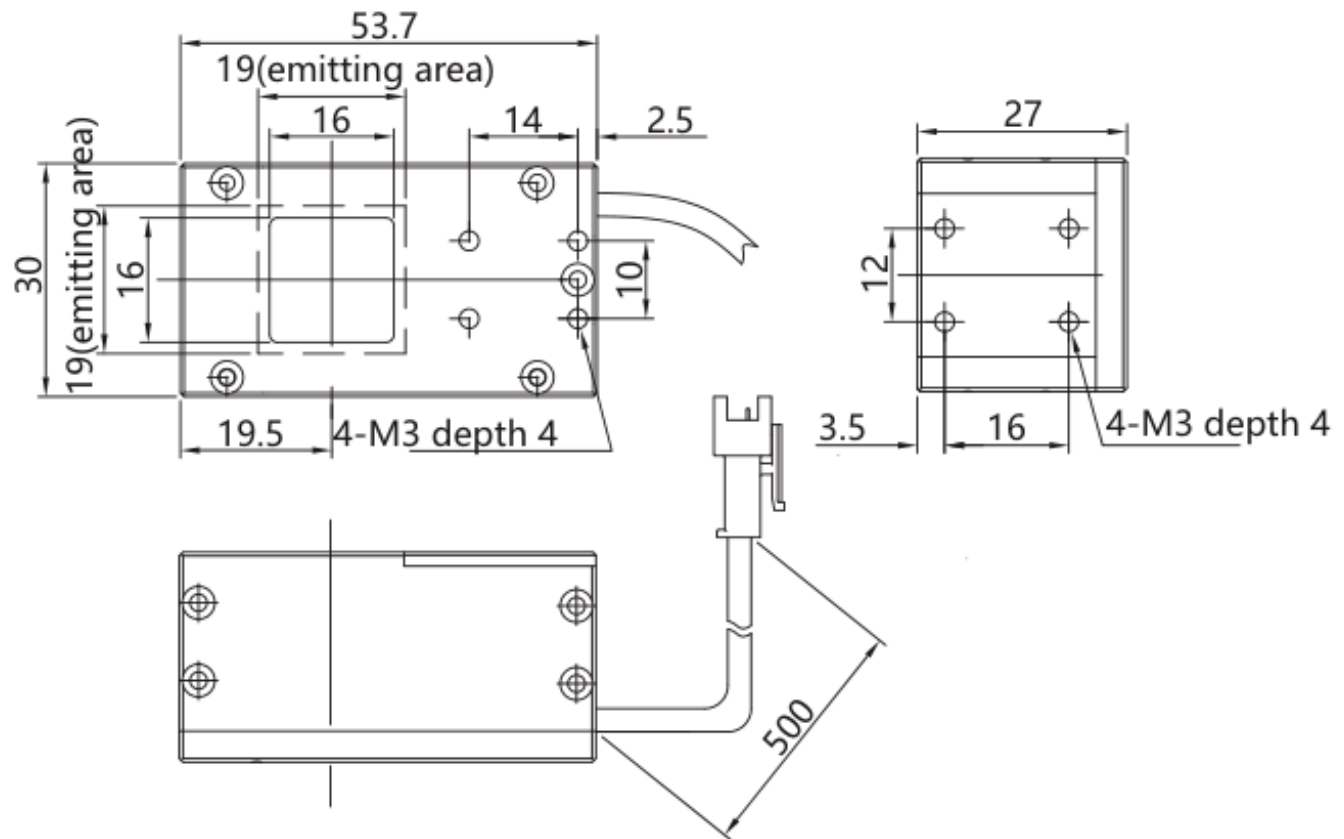
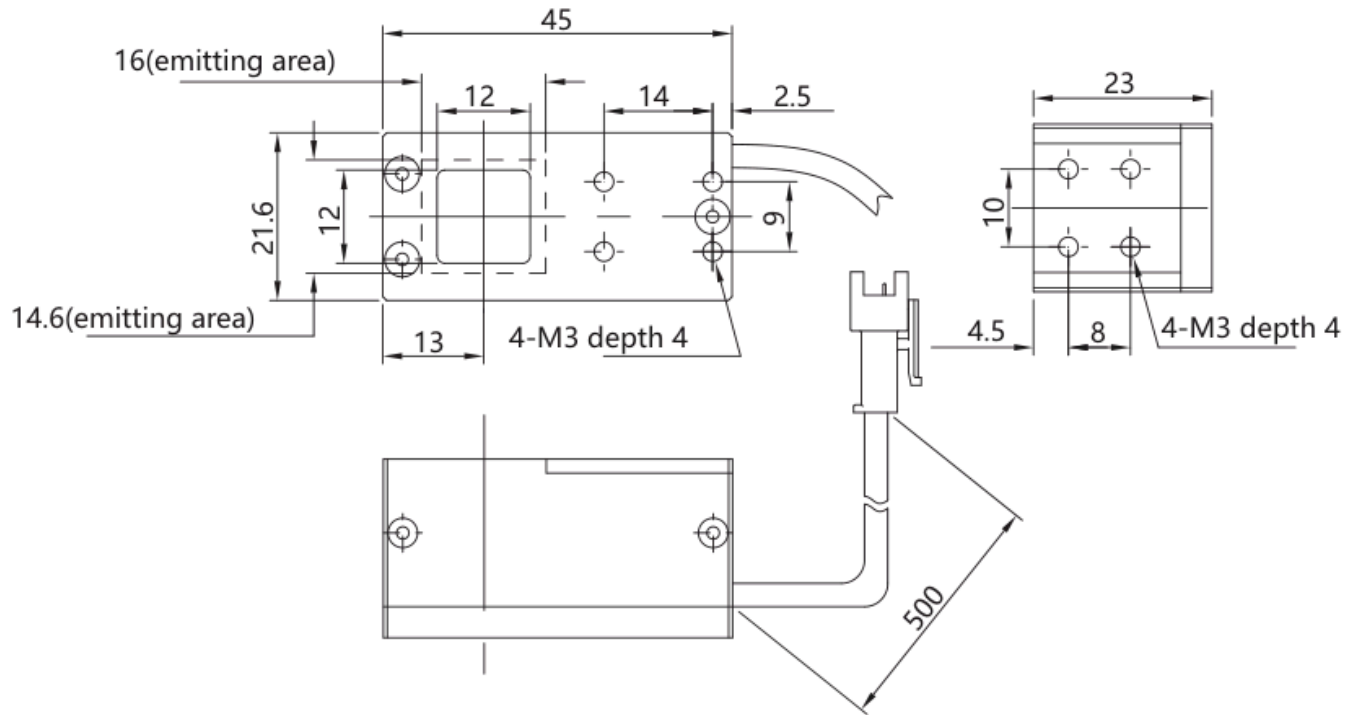


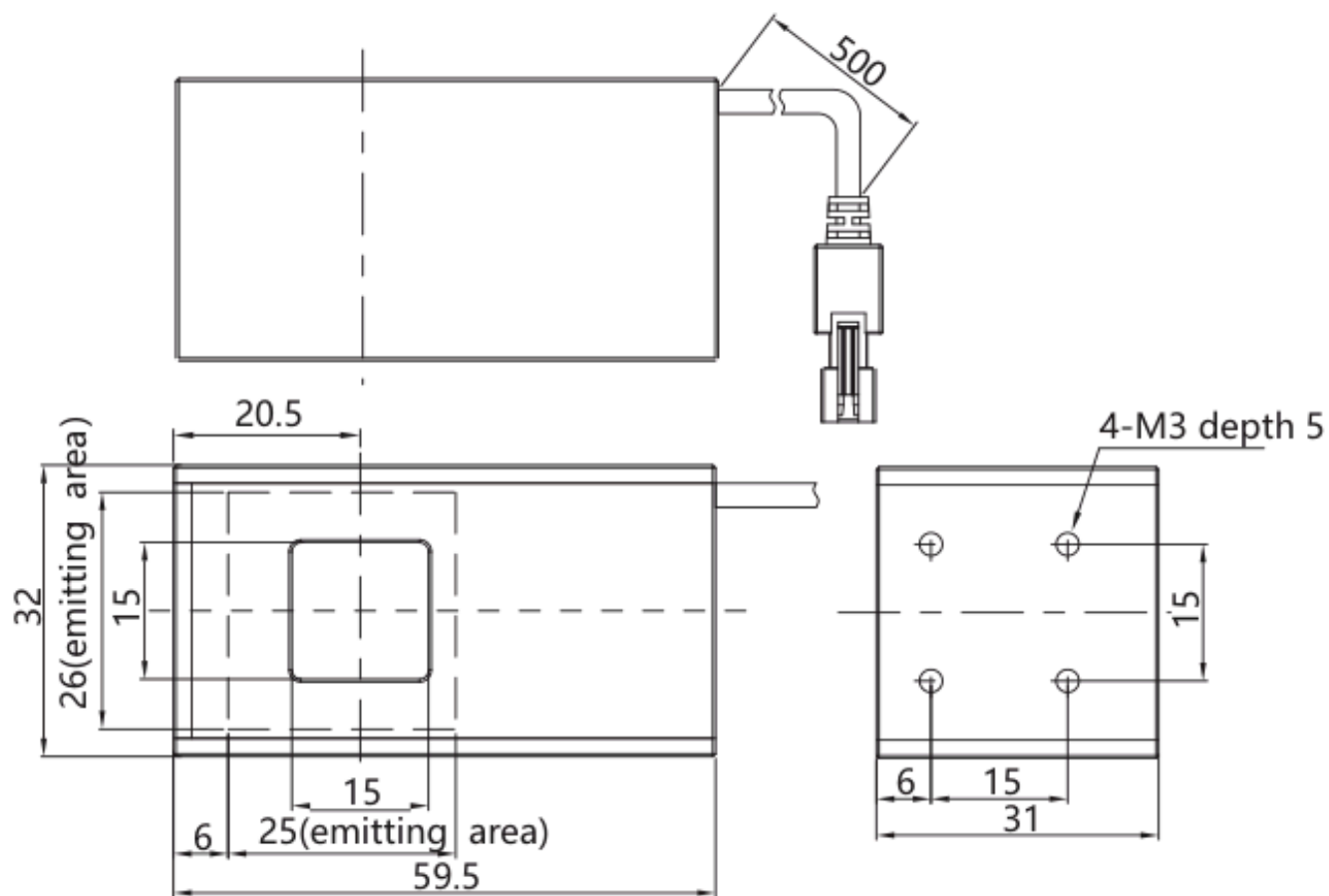
Colours

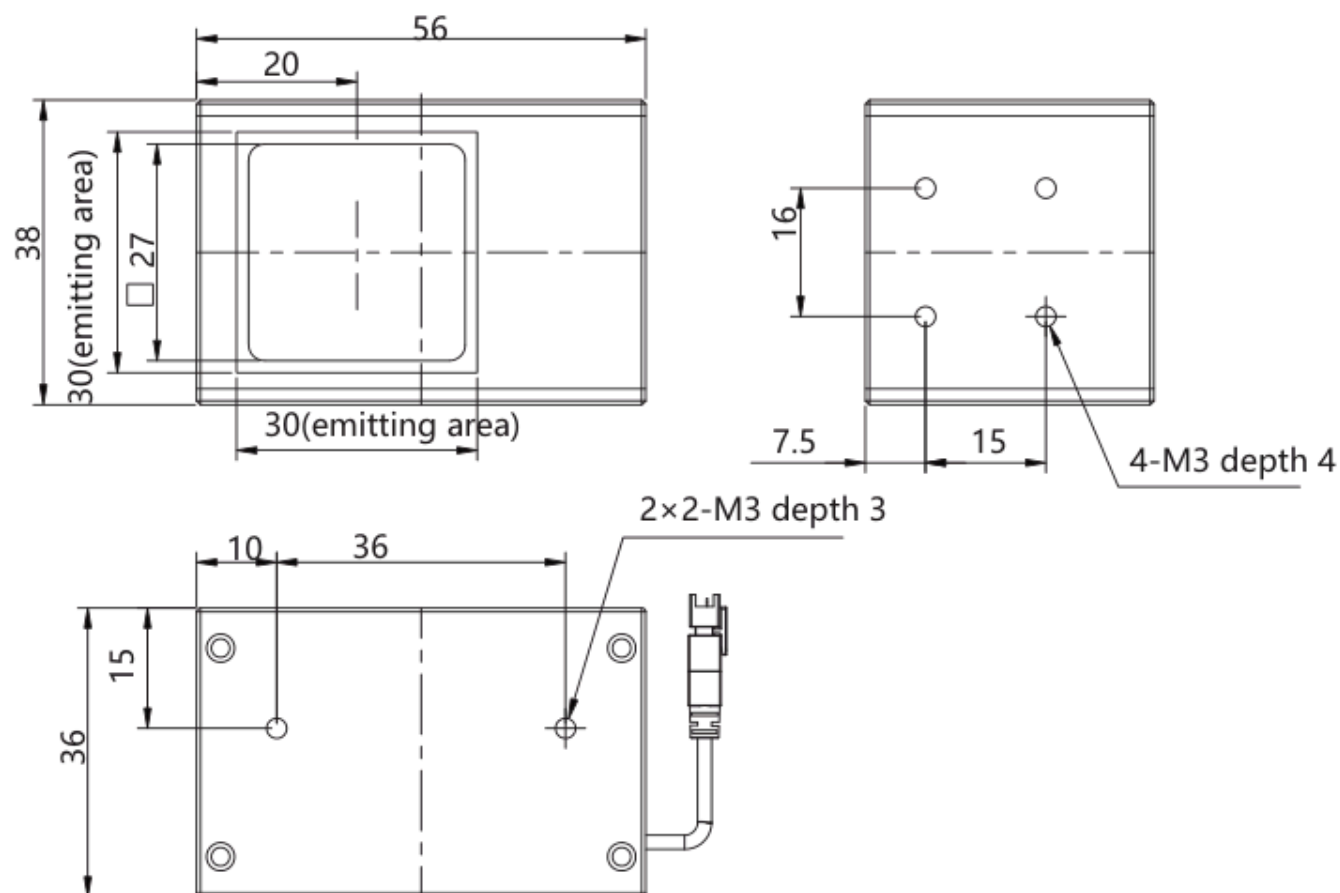
R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

Common specifications

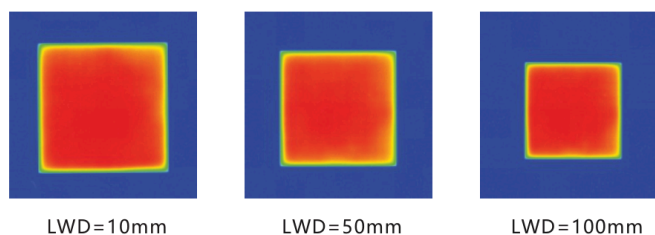
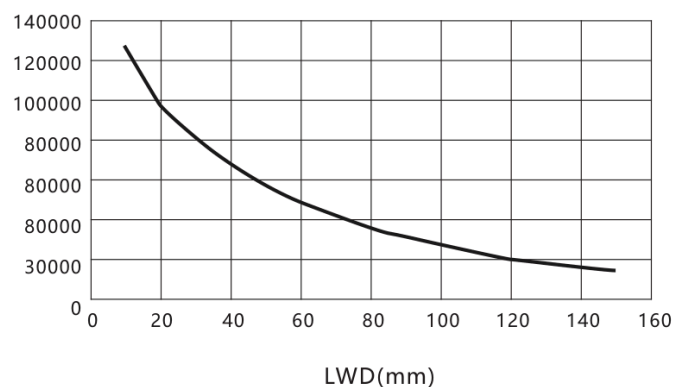
Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K
Wavelength IR	850-940 nm
Wavelength UV	365-405 nm
Storage temperature	20 to 60 °C
Operating temperature	0 to 40 °C
Humidity	20-85 %RH (non-condensing)
Optional accessories	Extension cable
Controller	LS-APS2 series, LS-DPS2 series, 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



Product views

