

Coaxial light, high light type (COG series)

LS-COG series · Coaxial lights · 3 models



High-brightness coaxial light (high light type) for highly reflective surfaces; luminous sizes 30 x 30 to 60 x 60 mm.

Features

- Coaxial illumination through a beam splitter: in a stamped-parts example, recessed areas appear darker and are easier to identify than under standard light
- Three-colour RGB light source, luminescent surface size, wavelength/colour temperature, mounting, input wire length and light-mouth dustproof mirror customization

Applications

- Mark point positioning
- Two-dimensional code detection
- Chip, chip breakage detection
- Screen printing positioning
- Scratch detection of metal, glass bottles and other highly reflective surface objects
- Detecting stamped parts

Colours

R	620-630 nm
G	520-530 nm
B	460-470 nm
W	6000-7500 K

Common specifications

Voltage	24 V DC
LED type	SMD
Wire length	500 mm (drawing)
Operating environment (indoor)	temperature 0~40 °C, humidity 20~85% (non condensing)
Working life	white: 30000 hours, red: 30000 hours (the value varies according to the use environment)
Power tolerance	actual product power within ±10% of the table is the normal range

Quality service	one year product warranty, technical support
Light type	High light type

Ordering code: LS-CO<luminous surface length><luminous surface width>-<R/G/B/W/IR/UV>

Models

Model	Luminous size (mm)	Power red (W)	Power blue/white (W)	Boundary dimension L x W x H (mm)
LS-3COG3030 colours: R, B, W	30x30	7	9	79.5x38x38
LS-3COG4040 colours: R, B, W	40x40	13	14.5	95x48x50
LS-3COG6060 colours: R, B, W	60x60	27.5	18	127x70x70

More values per model (Voltage (V)) are on each product page.

Dimensions

