

Coaxial light, standard type (CO series)

LS-CO series · Coaxial lights · 7 models



Coaxial light (standard type) for highly reflective surfaces; luminous sizes 20 x 20 to 70 x 70 mm, 3CO and CO2.0 versions.

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 $\pm 10\%$ of the table is the normal range
Quality service	one year product warranty, technical support
Light type	Standard 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-3CO2020 colours: R, B, W	20x20	2.1	2.8	50x28x28
LS-3CO3030 colours: R, B, W	30x30	3.5	4	65x38x38
LS-3CO4040 colours: R, B, W	40x40	5	6	78x48x50
LS-3CO6060 colours: R, B, W	60x60	7.5	11	100x70x70
LS-CO2.0-3535 colours: R, B, W	35x35	2.6	3.4	70x44x47.5
LS-CO2.0-5050 colours: R, B, W	50x50	4.5	5.7	100x60x67.5
LS-CO2.0-7070 colours: R, B, W	70x70	6	11	110x82x84.5

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

Dimensions

