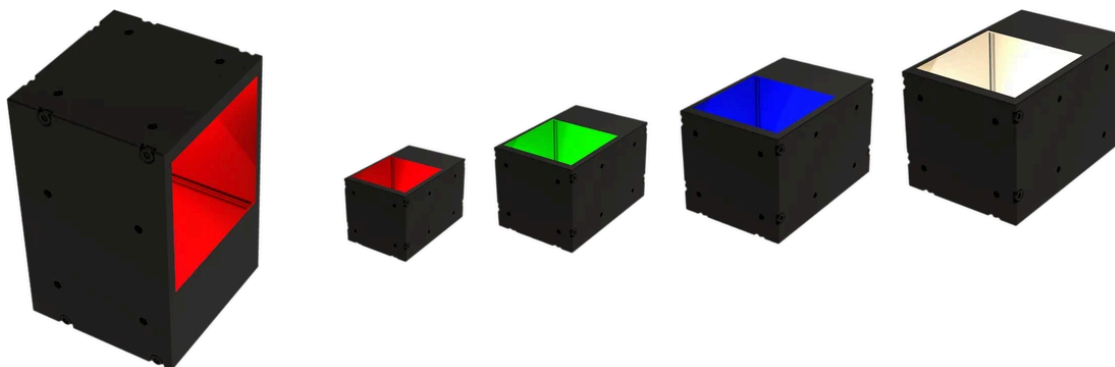


Coaxial light (CON series)

LS-CON series · Coaxial lights · 17 models



Coaxial light with a special optical beam splitter that gives shadow-free illumination along the camera axis. Higher-brightness versions are available for the same size, with high uniformity and a compact design for flexible installation. Coding: LS-CON-<emitting area>-<colour>, e.g. LS-CON-50-R.

Features

- Special optical beam splitter without shadow
- Higher brightness solutions available for the same size
- High uniformity
- Compact design with flexible installation

Applications

- Scratch detection on metal/glass
- QR code inspection
- Silkscreen alignment
- MARK location
- Chip damage
- Bearing/bottle engraving check
- Circuit board chip inspection
- Surface defect detection of phone camera lenses

Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
Illuminance (CON-50, read from curve)	approx. 60,000 lx at 5 mm falling to approx. 20,000 lx at 20 mm working distance

Models

Model	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-CON-20 colours: Red, Green, Blue, White	2	3	20x20	64x31x27
LS-CON-30 colours: Red, Green, Blue, White	2	3.5	30x30	74x40x37
LS-CON-35 colours: Red, Green, Blue, White	2.5	3.6	35x35	75x39x38
LS-CON-40 colours: Red, Green, Blue, White	4	5.5	40x40	86x50x48
LS-CON-50 colours: Red, Green, Blue, White	4	6.5	50x50	96x60x58
LS-2CON-50 colours: Red, Green, Blue, White	5	7.2	50x50	96x58x60
LS-CON-60 colours: Red, Green, Blue, White	7	10.8	60x60	106x70x68
LS-2CON-60 colours: Red, Green, Blue, White	7.1	12.5	60x60	106x68x70
LS-CON-70 colours: Red, Green, Blue, White	5	7	70x70	120x85.4x79
LS-CON-80 colours: Red, Green, Blue, White	5	7	80x80	130x95.4x89
LS-2CON-80 colours: Red, Green, Blue, White	13	17.3	80x80	126x92x90
LS-CON-100 colours: Red, Green, Blue, White	15	22	100x100	146x110x107
LS-2CON-100 colours: Red, Green, Blue, White	15.1	21.6	100x100	146x112x110
LS-CON-120 colours: Red, Green, Blue, White	12	18	126x126	165.5x134x133
LS-CON-150X120 colours: Red, Green, Blue, White	14	21	150x120	166x160x127
LS-CON-200X180 colours: Red, Green, Blue, White	30	46	200x180	231.5x212x187
LS-CON-240X180 colours: Red, Green, Blue, White	37	56	240x180	264.5x262x197

