

Coaxial line scan light (3LC series)

LS-3LC series · Line scan lights · 7 models

Coaxial line scan light (coaxial line light source) for line scan cameras, fan cooled, luminous lengths 75 to 525 mm (22 mm wide), 24 V.



Features

- Coaxial illumination for line scan cameras
- Cooling fans in the housing
- WS16 or WS20 aviation plug; power cord optional (selective assembly)
- Three-colour RGB light source, size, wavelength/colour temperature, mounting and input wire length customization

Applications

- High-speed line detection
- High reflective workpiece surface detection
- Print quality inspection
- Printed character detection

Colours

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

Common specifications

Voltage	24 V DC
---------	---------

Luminous width	22 mm
Cross-section	54 x 137.5 mm
Power cord	Selective assembly (optional)
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

Ordering code: LS-LC<luminescent zone length (mm)>-<R/G/B/W/IR/UV> (models printed
LS-3LC<length><width>)

Models

Model	Luminous size (mm)	Power red (W)	Power blue/white (W)	Long (mm)	Weight (kg)	Plug specification
LS-3LC7522 colours: R, B, W	75x22	20	31	95	0.8	WS16 aviation plug 4-core
LS-3LC15022 colours: R, B, W	150x22	40	62	170	1.3	WS16 aviation plug 4-core
LS-3LC22522 colours: R, B, W	225x22	60	93	245	1.8	WS16 aviation plug 4-core
LS-3LC30022 colours: R, B, W	300x22	80	124	320	2.3	WS16 aviation plug 4-core
LS-3LC37522 colours: R, B, W	375x22	100	155	395	2.8	WS20 aviation plug 4-core
LS-3LC45022 colours: R, B, W	450x22	120	186	470	3.3	WS20 aviation plug 4-core
LS-3LC52522 colours: R, B, W	525x22	140	217	545	3.8	WS20 aviation plug 4-core

More values per model (Voltage (V), Wide (mm), High (mm)) are on each product page.

Dimensions

