

Line scan light (3LI series)

LS-3LI series · Line scan lights · 24 models



High-brightness line scan light, fan cooled, with luminous lengths from 75 to 2400 mm (22 mm wide); 24 V up to 1125 mm and 48 V for longer lengths, with WS16/WS20 aviation plugs.

Features

- Luminous lengths 75-2400 mm in 75 mm steps
- 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

- Packaging printing inspection
- Tile pattern detection
- Metal panel defect detection
- Printed character detection

Colours

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

Common specifications

Luminous width	22 mm
Cross-section	54 x 102.5 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 ±10% of the table is the normal range

Quality service

one year product warranty, technical support

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

Models

Model	Luminous size (mm)	Voltage (V)	Power red (W)	Power blue/white (W)	Long (mm)	Weight (kg)	Plug specification
LS-3LI7522 colours: R, B, W	75x22	24	20	31	95	0.6	WS16 aviation plug 4-core
LS-3LI15022 colours: R, B, W	150x22	24	40	62	170	1.0	WS16 aviation plug 4-core
LS-3LI22522 colours: R, B, W	225x22	24	60	93	245	1.4	WS16 aviation plug 4-core
LS-3LI30022 colours: R, B, W	300x22	24	80	124	320	1.8	WS16 aviation plug 4-core
LS-3LI37522 colours: R, B, W	375x22	24	100	155	395	2.3	WS20 aviation plug 4-core
LS-3LI45022 colours: R, B, W	450x22	24	120	186	470	2.7	WS20 aviation plug 4-core
LS-3LI52522 colours: R, B, W	525x22	24	140	217	545	3.1	WS20 aviation plug 4-core
LS-3LI60022 colours: R, B, W	600x22	24	160	248	620	3.5	WS20 aviation plug 4-core
LS-3LI67522 colours: R, B, W	675x22	24	180	279	695	3.9	WS20 aviation plug 4-core
LS-3LI75022 colours: R, B, W	750x22	24	200	310	770	4.4	WS20 aviation plug 4-core
LS-3LI82522 colours: R, B, W	825x22	24	220	341	845	4.8	WS20 aviation plug 4-core
LS-3LI90022 colours: R, B, W	900x22	24	240	372	920	5.2	WS20 aviation plug 4-core
LS-3LI97522 colours: R, B, W	975x22	24	260	403	995	5.6	WS20 aviation plug 4-core
LS-3LI105022 colours: R, B, W	1050x22	24	280	434	1070	6.0	WS20 aviation plug 4-core
LS-3LI112522 colours: R, B, W	1125x22	24	300	465	1145	6.5	WS20 aviation plug 4-core
LS-3LI120022 colours: R, B, W	1200x22	48	320	496	1220	6.9	WS20 aviation plug 6-core

LS-3LI135022 colours: R, B, W	1350x22	48	360	558	1370	7.3	WS20 aviation plug 6-core
LS-3LI150022 colours: R, B, W	1500x22	48	400	620	1520	7.7	WS20 aviation plug 6-core
LS-3LI165022 colours: R, B, W	1650x22	48	440	682	1670	8.1	WS20 aviation plug 6-core
LS-3LI180022 colours: R, B, W	1800x22	48	480	744	1820	8.6	WS20 aviation plug 6-core
LS-3LI195022 colours: R, B, W	1950x22	48	520	806	1970	9.0	WS20 aviation plug 6-core
LS-3LI210022 colours: R, B, W	2100x22	48	560	868	2120	9.4	WS20 aviation plug 6-core
LS-3LI225022 colours: R, B, W	2250x22	48	600	930	2270	9.8	WS20 aviation plug 6-core
LS-3LI240022 colours: R, B, W	2400x22	48	640	992	2420	10.2	WS20 aviation plug 6-core

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

Dimensions

