

High power bar light (3BRH)

LS-3BRH series · Bar lights · 9 models

High power bar light using high-power LEDs for long working distance and high luminance; multiple installation methods, one-piece aluminium alloy body with high heat-dissipation performance.

Features

- High power LEDs, lighting at long working distance, high luminance
- Multiple installation methods, easy to install
- One-piece aluminium alloy design, high heat-dissipation performance
- Option: diffuser plate, improves lamp shadow and glare when imaging reflective workpieces
- Customizable: Combined light, Length, Multi-area control, Colour & colour temperature, Cable length, Installation method
- UV & IR versions can be customized as required



Applications

- Large LCD panel defect inspection
- Metal surface defect inspection
- Printed character defect inspection
- Connector pin flatness inspection
- Imaging example: mobile phone bottom shrapnel direction inspection (LS-3BRH15016-B)

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Voltage	24 V
Luminous surface width	16 mm
Light array quantities	3
Recommended working distance	10mm~550mm

Min. overall size	102 mm x 22 mm
Max. overall size	522 mm x 22 mm
Colour temperature of white	6600 K
Option	Diffuser plate (improves lamp shadow and glare when imaging reflective workpieces)
Remark	16mm
Cable length (drawing)	500 mm
Emitting length	A - 12 = B
Operating temperature	0-50 °C
Operating humidity	20-85% (non-condensing)
Life-span	50000 h (to 50% of factory default luminance)
Adapted controllers	Analog controller, digital controller, high power controller
Extension cable options	PVC extension cable (high flexibility, bending and high-temperature resistant, for use inside equipment); high-flexibility extension cable (harder, more abrasion resistant, for drag-chain production lines)

Ordering code: LS-3BRH####-R/G/B/W/IR/UV (first ## = length of luminous zone, second ## = width of luminous zone; last field = colour)

Models

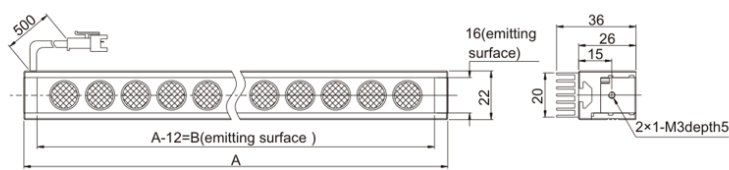
Model	Power (G/B/W)	Weight (G/B/W)	Dimension A (mm)	Emitting length B (mm)	Power (R)	Weight (R)
LS-3BRH9016 colours: G, B, W	4.8W	98 g	102	90	-	-
LS-3BRH12016 colours: G, B, W	4.8W	130 g	132	120	-	-
LS-3BRH15016 colours: R, G, B, W	4.8W	161 g	162	150	4.8W	156 g
LS-3BRH21016 colours: R, G, B, W	9.6W	224 g	222	210	4.8W	218 g
LS-3BRH27016 colours: R, G, B, W	14.4W	287 g	282	270	9.6W	281 g
LS-3BRH30016 colours: R, G, B, W	14.4W	304 g	312	300	9.6W	297 g
LS-3BRH36016 colours: R, G, B, W	19.2W	381 g	372	360	9.6W	374 g
LS-3BRH42016 colours: R, G, B, W	24.0W	445 g	432	420	14.4W	437 g
LS-3BRH51016 colours: R, G, B, W	24.0W	530 g	522	510	14.4W	520 g

More values per model (Common model, Emitting width (mm)) are on each product page.

Dimensions

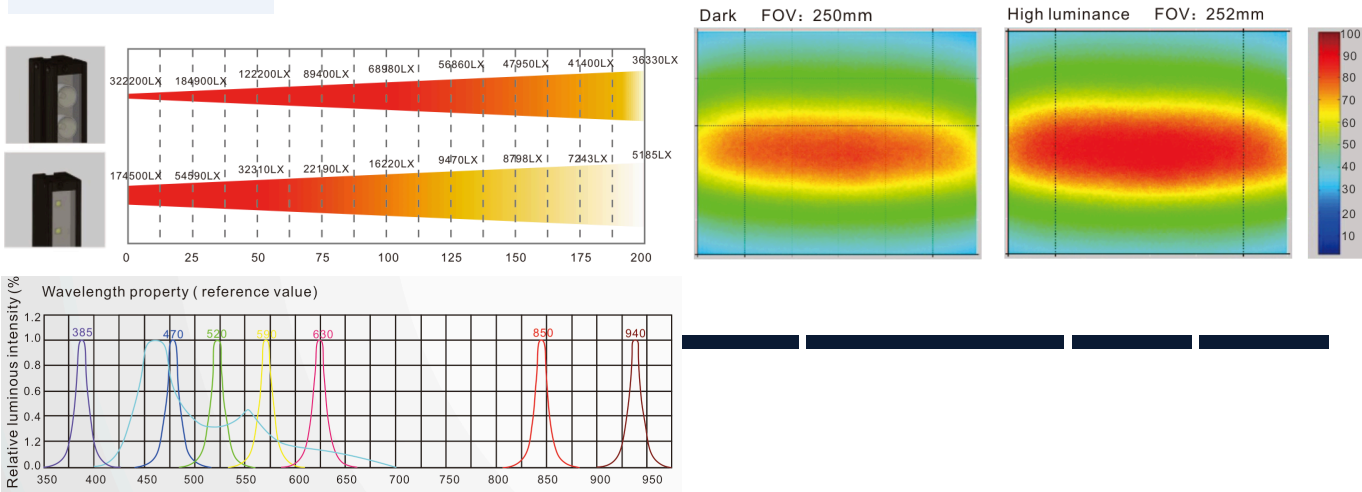


##=B)



型号	A	B
LS-3BRH9016	102	90
LS-3BRH12016	132	120
LS-3BRH15016	162	150
LS-3BRH21016	222	210
LS-3BRH27016	282	270
LS-3BRH30016	312	300
LS-3BRH36016	372	360
LS-3BRH42016	432	420
LS-3BRH51016	522	510

Performance



Product views

