

Combined bar light (2BRM)

LS-2BRM series · Bar lights · 9 models



Four-side combined bar light; each side can illuminate independently with independent control, and the light angle can be adjusted to suit the workpiece, for various applications.

Features

- Four sides combined bar light, each side can illuminate with independent control
- Light angle adjustable to the workpiece needs
- Various applications
- Customizable: Quantity of bar lights, Length & width, Shape, Colour & colour temperature, Combined light, Cable length, Multi-area control, Installation method
- UV & IR versions can be customized as required

Applications

- PCB inspection
- IC element inspection
- Tin soldering inspection
- Mark position location
- Packing bar code illumination
- Spherical workpiece illumination
- Imaging example: metal scratch inspection on mechanical components (LS-2BRM230-W), white scratch on black background, obvious contrast

Colours

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

Common specifications

Voltage	24 V
Recommended working distance	20mm~250mm

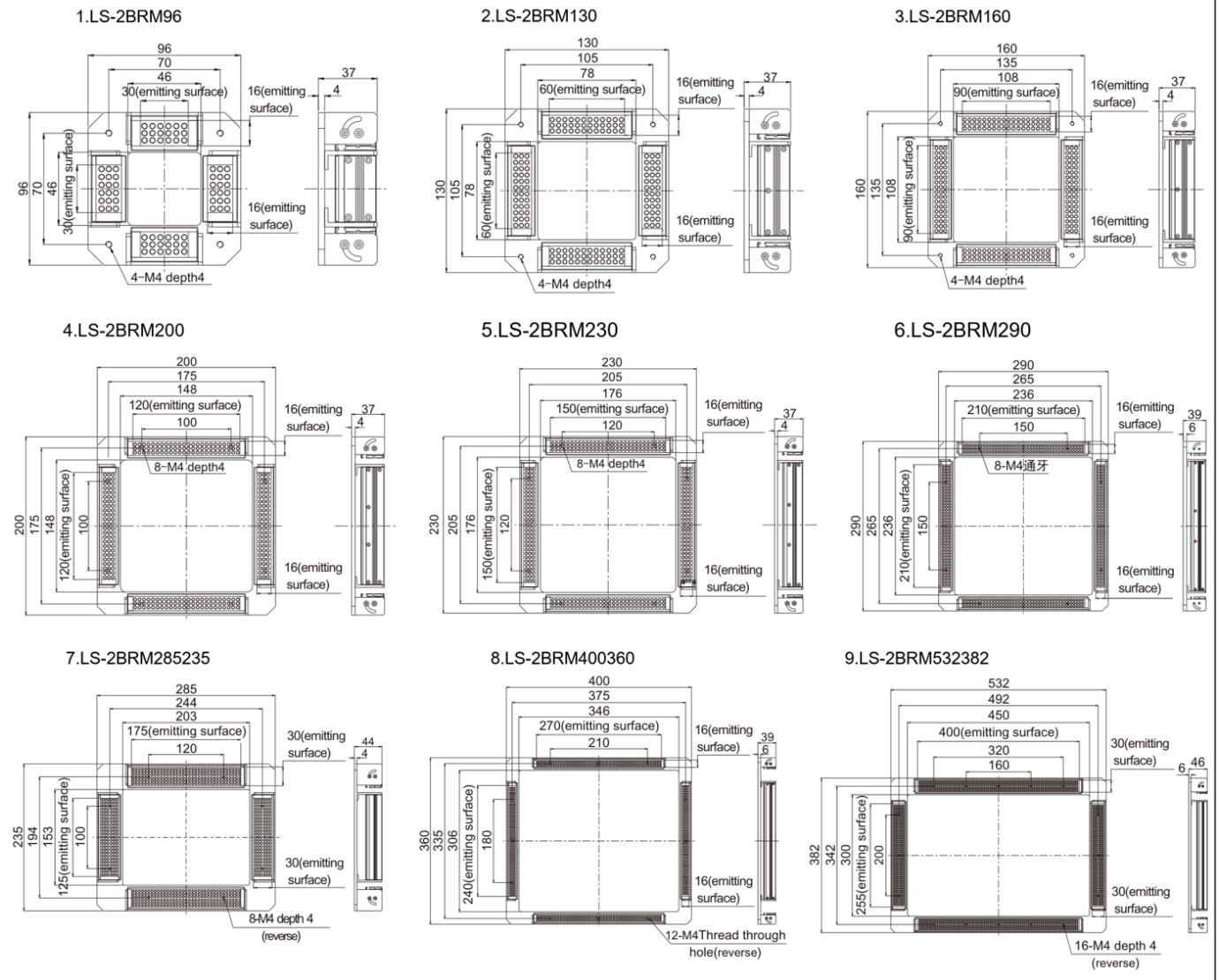
Light array quantities	3
Luminous surface dimension	Each 30mm
Min. overall size	96 mm x 96 mm
Max. overall size	230 mm x 230 mm
Colour temperature of white	6600 K
Construction	Four bar lights combined on four sides
Operating temperature	0-50 °C
Operating humidity	20-85% (non-condensing)
Life-span	50000 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-2BRM##-R/G/B/W/IR/UV (## = length of side; last field = colour)

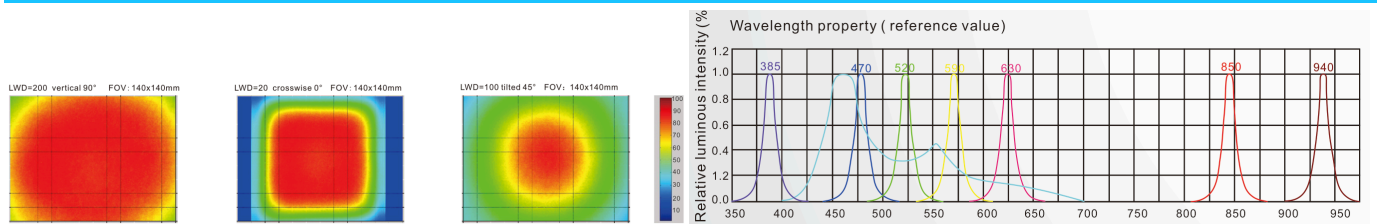
Models

Model	Power (R)	Power (G/B/W)	Weight	Common model	Dimension drawing no.	Emitting length per side (mm)	Emitting surface width (mm)
LS-2BRM96 colours: R, G, B, W	2.0W	2.8W	343 g	Y	1	30	16
LS-2BRM130 colours: R, G, B, W	4.0W	5.6W	469 g	Y	2	60	16
LS-2BRM160 colours: R, G, B, W	5.6W	8.8W	620 g	Y	3	90	16
LS-2BRM200 colours: R, G, B, W	7.6W	11.6W	759 g	Y	4	120	16
LS-2BRM230 colours: R, G, B, W	9.6W	14.4W	894 g	Y	5	150	16
LS-2BRM290 colours: R, G, B, W	13.6W	20.4W	1329 g	N	6	210	16
LS-2BRM285235 colours: R, G, B, W	17.2W	28.8W	1403 g	N	7	175 / 125	30
LS-2BRM400360 colours: R, G, B, W	16.0W	24.8W	1700 g	N	8	270 / 240	16
LS-2BRM532382 colours: R, G, B, W	23.4W	38.4W	3100 g	N	9	400 / 255	30

Dimensions



Performance



Product views

