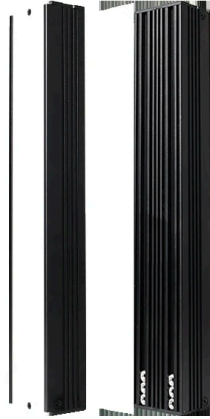


Bar light (2BRD series)

LS-2BRD series · Bar lights · 22 models

LED bar light with a uniform light (diffuser) plate, luminous sizes from 60 x 20 to 480 x 30 mm; suppresses reflections on the object surface so damage is clearly imaged.



Features

- Uniform light plate (diffuser)
- SMD LEDs, aluminium heat-sink housing
- 20 mm and 30 mm luminous widths, lengths 60-480 mm
- Three-colour RGB light source, size and height, wavelength/ colour temperature, mounting and input wire length customization

Applications

- PCB substrate inspection, plastic container inspection
- Microscope illumination, general appearance inspection
- Chip and glass substrate scratch and stain detection
- LCD correction, font label detection
- Aluminium plate (pattern processing) inspection

Colours

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

Common specifications

Voltage	24 V DC
LED type	SMD
Uniform light plate	yes
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-BRD<luminous surface length><luminous surface width>-<R/G/B/W/IR/UV> (models printed LS-2BRD...)

Models

Model	Luminous size (mm)	Power red (W)	Power blue/green/white (W)	Long (mm)	Wide (mm)
LS-2BRD6020 colours: R, B, G, W	60x20	1.4	1.4	76	26
LS-2BRD9020 colours: R, B, G, W	90x20	2.2	2.2	106	26
LS-2BRD12020 colours: R, B, G, W	120x20	2.8	2.8	136	26
LS-2BRD15020 colours: R, B, G, W	150x20	3.3	3.6	166	26
LS-2BRD18020 colours: R, B, G, W	180x20	4.2	4.2	196	26
LS-2BRD20020 colours: R, B, G, W	200x20	4.7	5	216	26
LS-2BRD24020 colours: R, B, G, W	240x20	5.6	5.6	256	26
LS-2BRD30020 colours: R, B, G, W	300x20	7	7	316	26
LS-2BRD36020 colours: R, B, G, W	360x20	8.4	8.4	376	26
LS-2BRD42020 colours: R, B, G, W	420x20	9.8	9.8	436	26
LS-2BRD48020 colours: R, B, G, W	480x20	11.2	11.2	496	26
LS-2BRD6030 colours: R, B, G, W	60x30	2.2	2.2	76	36
LS-2BRD9030 colours: R, B, G, W	90x30	2.5	3.8	106	36
LS-2BRD12030 colours: R, B, G, W	120x30	4.4	4.4	136	36

LS-2BRD15030 colours: R, B, G, W	150x30	5.5	5.5	166	36
LS-2BRD18030 colours: R, B, G, W	180x30	6	6.6	196	36
LS-2BRD20030 colours: R, B, G, W	200x30	6.5	7.5	216	36
LS-2BRD24030 colours: R, B, G, W	240x30	8.8	8.8	256	36
LS-2BRD30030 colours: R, B, G, W	300x30	11	11	316	36
LS-2BRD36030 colours: R, B, G, W	360x30	13.2	13.2	376	36
LS-2BRD42030 colours: R, B, G, W	420x30	15.4	15.4	436	36
LS-2BRD48030 colours: R, B, G, W	480x30	17.6	17.6	496	36

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

Dimensions

