

Multi-colour bar light, RGB series

LS-RGB-HBS series · Bar lights · 1 model

High-density, high-brightness multi-colour (RGB) light; colour combinations highlight 3D information of objects and each lighting group can be controlled independently, so monochrome can also be chosen.

Features

- High density LED, high brightness
- Different colour combinations highlight 3D information of objects
- Each group of lighting area can be controlled independently; monochrome can be chosen to suit different sizes of measured objects
- Optional multi-colour, easy to use for multi-colour applications

Applications

- Edge extraction of various colours
- Appearance inspection of various colours
- QR code and barcode reading
- Wiper surface defect inspection
- Inspection of multi-colour products

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K

Common specifications

Storage temperature	20-60 °C
Operating temperature	0-40 °C
Humidity	20-85 %RH (non-condensing)
Service life	At 25 °C ambient: red works continuously for 60000 hours at 50% illumination, white 30000 hours at 50% illumination (decrement at 50%)
Warranty	1 year free maintenance or replacement for faults not caused by the user
Optional accessories	Extension cable
Controller	LS-DPS / LS-APS / LS-SPS series (match the power of the light source)

Ordering code: LS-<type code><luminous dimension mm: square L, rectangle L&W>-RGB (e.g. LS-COS40-RGB; COS = coaxial light source)

Models

Model	Power (W)	Luminous dimension (mm)	Overall dimension (mm)	Recommended controller	Cable	Mounting
LS-HBS27026-RGB-M colours: R, G, B	11	258 x 18	270 x 26 x 43.9	LS-DPS, LS-APS, LS-SPS	3 x 500 mm	2x3xM3 depth 4

Dimensions

LS-HBS27026-M

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