

High-brightness bar light (HHBL)

LS-HHBL series · Bar lights · 5 models



High-brightness bar light whose brightness is more than 3 times that of the standard bar light; uses high-power LEDs for long working distances; colour matched to the inspection and length customisable.

Features

- Brightness more than 3 times a standard bar light
- High-power LEDs, long working distance
- Length customisable

Applications

- All bar-light applications
- Character inspection
- Appearance inspection
- Component inspection on substrates
- Skylight (opening) feature positioning

Colours

R	620-630 nm
G	525 nm
B	470 nm
W	5000-8000 K

Common specifications

Cable length (mm)	500
Mounting	2 x 2-M3 threads, depth 5 (per drawing)
Operating environment	Ambient about 25 °C, operating temperature within 35 °C
Expected life	Red and white: 30000 h continuous, decays to 50% (typical one-year decay 8-15%); blue and green: 30000 h continuous, decays to 60% (typical one-year decay 10-18%)
Support	1 year of free standard technical support; can be customised to the inspected feature, working distance, illumination angle and field of view

Ordering code: H-HBL-<outer length mm>-<outer width mm>-K-<colour> (example H-HBL-112-18-K-W; K = upgraded version)

Models

Model	Size (mm)	Power (W)	Recommended controller	Emitting area (mm, drawing)
LS-HHBL11238K colours: R, G, B, W	L 112 x W 38	18	HAPC2460P / HMDPC2480 / HDPC2465D	100 x 32
LS-HHBL21238K colours: R, G, B, W	L 212 x W 38	36	HAPC2460P / HMDPC2480 / HDPC2465D	200 x 32
LS-HHBL31238K colours: R, G, B, W	L 312 x W 38	54	HAPC2460P / HMDPC2480 / HDPC2465D	300 x 32
LS-HHBL51238K colours: R, G, B, W	L 512 x W 38	80	HAPC2460P / HMDPC2480 / HDPC2465D	500 x 32
LS-HHBL81238K colours: R, G, B, W	L 812 x W 38	144	HAPC24150	800 x 32

More values per model (LED rows, Height (mm, drawing)) are on each product page.

Dimensions

LS-HHBL11238K	LS-HHBL21238K
LS-HHBL31238K	LS-HHBL51238K
LS-HHBL81238K	

Performance

