

Bar light (LB series)

LS-LB series · Bar lights · 57 models



LED bar light for surface defect detection, image scanning, LCD panel inspection, pin flatness testing and slender-object damage/appearance inspection. Illumination width, length and size can be customized; wavelength/colour temperature options and colour combinations are available, with an adjustable illumination angle and optional diffuser plate.

Features

- Can customize illumination width, length, and size.
- Wavelength and color temperature options available, with combinations of different colors possible.
- Compact design for easy installation.
- Adjustable illumination angle, diffuser plate optional.

Applications

- Surface defect detection
- Image scanning
- LCD panel inspection
- Pin flatness test
- Slender object damage/appearance inspection
- Textured metal damage inspection

Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
LED colour options (legend)	R / G / B / W / IR / UV
Colours shown per model	R, G, B, W
Cable length	500 mm (per dimension drawings)

Models

Model	LED rows	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-LB-40X16 colours: Red, Green, Blue, White	3	1	1.5	40x16	52x20x24

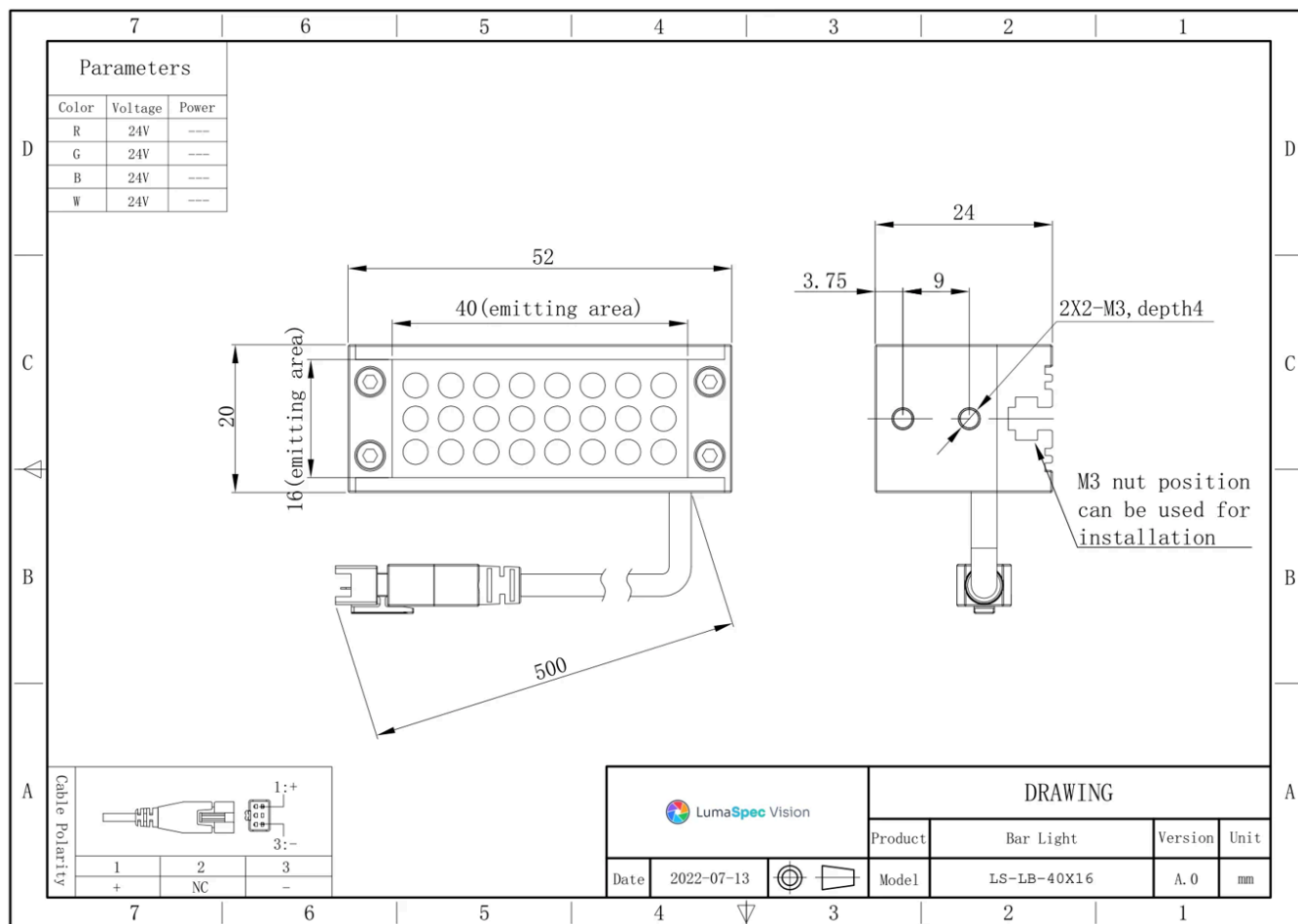
Model	LED rows	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-2LB-60X16 colours: Red, Green, Blue, White	3	1.3	1.9	60x16	72x22x46
LS-LB-80X16 colours: Red, Green, Blue, White	3	2.5	3	80x16	92x20x24
LS-2LB-90X16 colours: Red, Green, Blue, White	3	1.9	2.9	90x16	102x22x46
LS-LB-74X30 colours: Red, Green, Blue, White	6	3	4.5	74x30	86x34x24
LS-LB-86X30 colours: Red, Green, Blue, White	6	3	4.5	86x30	98x34x24
LS-LB-74X45 colours: Red, Green, Blue, White	9	3	4	74x45	90x52x28
LS-LB-98X30 colours: Red, Green, Blue, White	6	3.5	5	98x30	110x34x24
LS-2LB-100X30 colours: Red, Green, Blue, White	6	3.8	6.3	100x30	112x36x46
LS-LB-119X16 colours: Red, Green, Blue, White	3	4	5.5	120x16	131x20x24
LS-2LB-120X16 colours: Red, Green, Blue, White	3	2.5	3.8	120x16	132x22x46
LS-LB-146X30 colours: Red, Green, Blue, White	6	5	7.5	146x30	158x34x24
LS-LB-160X16 colours: Red, Green, Blue, White	3	5	7	160x16	172x20x24
LS-2LB-150X16 colours: Red, Green, Blue, White	3	3.2	4.7	150x16	162x22x46
LS-2LB-150X30 colours: Red, Green, Blue, White	6	5.7	6.6	150x30	162x36x46
LS-2LB-180X16 colours: Red, Green, Blue, White	3	3.8	5.7	180x16	192x22x46
LS-LB-170X30 colours: Red, Green, Blue, White	6	6	9	170x30	182x34x24
LS-LB-180X30 colours: Red, Green, Blue, White	6	6	9	180x30	192x34x24
LS-LB-197X16 colours: Red, Green, Blue, White	3	6	8.5	197x16	209x20x24

Model	LED rows	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-LB-194X30 colours: Red, Green, Blue, White	6	7	11	194x30	206x34x24
LS-2LB-200X30 colours: Red, Green, Blue, White	6	7.5	12.5	200x30	212x36x46
LS-LB-200X45 colours: Red, Green, Blue, White	9	13.2	19.7	200x45	216x52x28
LS-LB-218X30 colours: Red, Green, Blue, White	6	7.5	13	218x30	230x34x24
LS-2LB-240X16 colours: Red, Green, Blue, White	3	5	7.5	240x16	252x22x46
LS-2LB-250X30 colours: Red, Green, Blue, White	6	9.4	15.6	250x30	262x36x46
LS-LB-275X16 colours: Red, Green, Blue, White	3	7.5	11.5	275x16	287x20x24
LS-LB-266X30 colours: Red, Green, Blue, White	6	12	16	266x30	278x34x24
LS-2LB-275X30 colours: Red, Green, Blue, White	6	10.3	17.2	275x30	287x36x46
LS-2LB-300X16 colours: Red, Green, Blue, White	3	6.3	9.4	300x16	312x22x46
LS-LB-290X30 colours: Red, Green, Blue, White	6	15	18	290x30	302x34x24
LS-2LB-300X30 colours: Red, Green, Blue, White	6	11.3	18.8	300x30	312x36x46
LS-LB-300X45 colours: Red, Green, Blue, White	9	19.7	29.5	300x45	316x52x28
LS-LB-386X30 colours: Red, Green, Blue, White	6	18	24	386x30	398x34x24
LS-LB-400X45 colours: Red, Green, Blue, White	9	24.5	38	400x45	416x52x28
LS-LB-434X30 colours: Red, Green, Blue, White	6	20	28	434x30	446x34x24
LS-2LB-450X16 colours: Red, Green, Blue, White	3	9.4	14.1	450x16	462x22x46
LS-2LB-450X30 colours: Red, Green, Blue, White	6	16.9	28.1	450x30	462x36x46

Model	LED rows	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-LB-500X45 colours: Red, Green, Blue, White	9	30	47	500x45	516x52x28
LS-LB-550X45 colours: Red, Green, Blue, White	9	31	49	550x45	562x52x28
LS-LB-578X30 colours: Red, Green, Blue, White	6	24	35	578x30	590x34x24
LS-2LB-600X16 colours: Red, Green, Blue, White	3	12.6	18.8	600x16	612x22x46
LS-2LB-600X30 colours: Red, Green, Blue, White	6	22.5	37.5	600x30	612x36x46
LS-LB-600X45 colours: Red, Green, Blue, White	9	38	57	600x45	616x52x28
LS-LB-700X45 colours: Red, Green, Blue, White	9	45	66	700x45	716x52x28
LS-2LB-750X16 colours: Red, Green, Blue, White	3	15.7	23.5	750x16	762x22x46
LS-2LB-750X30 colours: Red, Green, Blue, White	6	28	48	750x30	762x36x46
LS-LB-800X45 colours: Red, Green, Blue, White	9	50	75	800x45	816x52x28
LS-2LB-900X16 colours: Red, Green, Blue, White	3	18.9	28.2	900x16	912x22x46
LS-2LB-900X30 colours: Red, Green, Blue, White	6	33.7	56.2	900x30	912x36x46
LS-LB-900X45 colours: Red, Green, Blue, White	9	55	84.5	900x45	916x52x28
LS-LB-950X45 colours: Red, Green, Blue, White	9	58	88	950x45	966x52x28
LS-LB-1000X45 colours: Red, Green, Blue, White	9	58	90	1000x45	1016x52x28
LS-LB-1100X45 colours: Red, Green, Blue, White	9	65	100	1100x45	1116x52x28
LS-2LB-1200X30 colours: Red, Green, Blue, White	6	45	74.9	1200x30	1212x36x46
LS-LB-1200X45 colours: Red, Green, Blue, White	9	68	108	1200x45	1216x52x28

Model	LED rows	Power R (W)	Power W/B/G (W)	Emitting area (mm)	Outer size L x W x H (mm)
LS-LB-1300X45 colours: Red, Green, Blue, White	9	72	112	1300x45	1316x52x28
LS-LB-1400X45 colours: Red, Green, Blue, White	9	75	120	1400x45	1416x52x28

Dimensions



Performance

