

Bar light (BS / 2BS series)

LS-2BS series · Bar lights · 126 models



Bar light with a flexible size design; the irradiation angle can be adjusted to the inspection, colours can be chosen and combined, and an optional diffuse plate makes the light uniform.

Features

- Flexible size design
- Irradiation angle can be adjusted according to testing requirements
- Custom color selection and combination
- Optional diffuse plate to make light diffusion uniform

Applications

- Wide field lighting
- Various character recognition
- Various appearance inspection
- Various damage and defect inspection
- QR codes, one-dimension barcode reading
- Inspection of components on substrates
- Mint-mark on the metal surface
- Uniform irradiation at high angles

Colours

R	620-630 nm
G	520-530 nm
B	465-475 nm
W	6000-6500 K
IR	850-940 nm
UV	365-405 nm

Common specifications

Wavelength red	620-630 nm
Wavelength green	520-530 nm

LS-2BS23728-RGBW colours: R, G, B, W	14	7.9	12	4	1	237	28
LS-2BS23738-RGBW colours: R, G, B, W	15	12	18	6	1	237	38
LS-2BS28218-RGBW colours: R, G, B, W	16	4.8	7.1	2	1	282	18
LS-2BS28228-RGBW colours: R, G, B, W	17	9.5	15	4	1	282	28
LS-2BS28238-RGBW colours: R, G, B, W	18	15	22	6	1	282	38
LS-2BS32718-RGBW colours: R, G, B, W	19	5.5	8.3	2	1	327	18
LS-2BS32728-RGBW colours: R, G, B, W	20	11	17	4	1	327	28
LS-2BS32738-RGBW colours: R, G, B, W	21	17	25	6	1	327	38
LS-2BS37218-RGBW colours: R, G, B, W	22	6.3	9.5	2	1	372	18
LS-2BS37228-RGBW colours: R, G, B, W	23	13	19	4	1	372	28
LS-2BS37238-RGBW colours: R, G, B, W	24	19	29	6	1	372	38
LS-2BS41718-RGBW colours: R, G, B, W	25	7.1	11	2	1	417	18
LS-2BS41728-RGBW colours: R, G, B, W	26	15	22	4	1	417	28
LS-2BS41738-RGBW colours: R, G, B, W	27	22	32	6	1	417	38
LS-2BS46218-RGBW colours: R, G, B, W	28	8	12	2	1	462	18
LS-2BS46228-RGBW colours: R, G, B, W	29	16	24	4	1	462	28
LS-2BS46238-RGBW colours: R, G, B, W	30	24	36	6	1	462	38
LS-2BS50718-RGBW colours: R, G, B, W	31	8.8	13.2	2	1	507	18
LS-2BS50728-RGBW colours: R, G, B, W	32	17.6	26.4	4	1	507	28
LS-2BS50738-RGBW colours: R, G, B, W	33	26.4	44	6	1	507	38
LS-2BS55218-RGBW colours: R, G, B, W	34	9.6	14.4	2	1	552	18
LS-2BS55228-RGBW colours: R, G, B, W	35	19.2	28.8	4	1	552	28
LS-2BS55238-RGBW colours: R, G, B, W	36	28.8	43.2	6	1	552	38
LS-2BS59718-RGBW colours: R, G, B, W	37	11	16	2	1	597	18
LS-2BS59728-RGBW colours: R, G, B, W	38	21	32	4	1	597	28
LS-2BS59738-RGBW colours: R, G, B, W	39	32	47	6	1	597	38

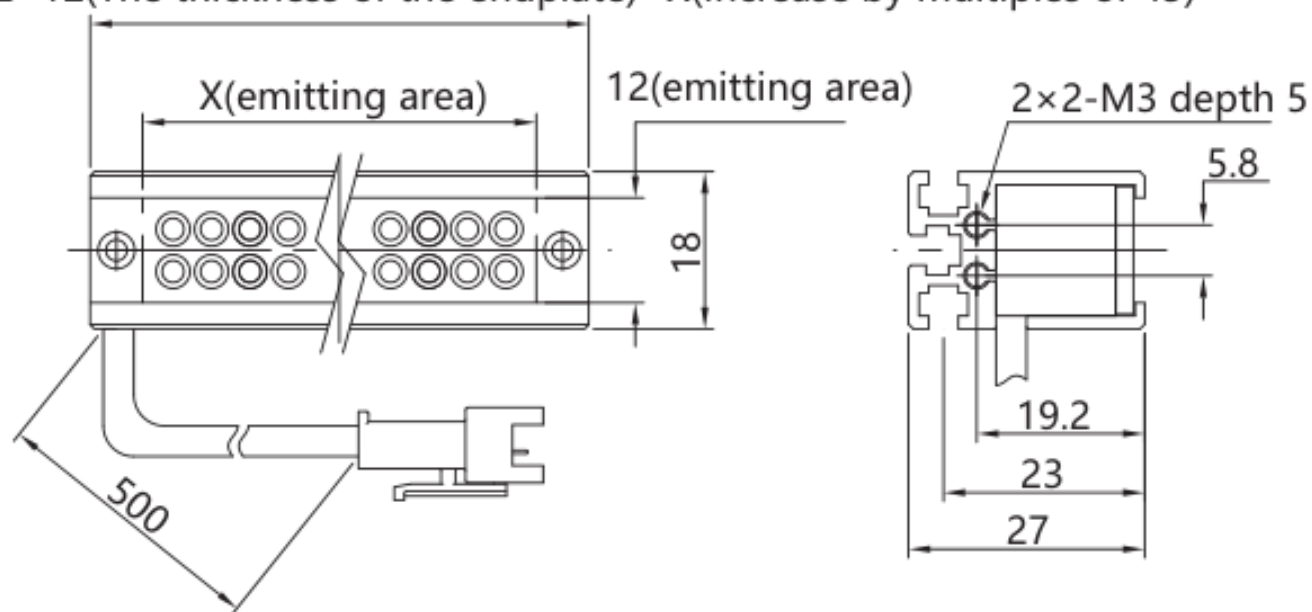
LS-2BS100238-RGBW colours: R, G, B, W	66	52.8	79.2	6	2	1002	38
LS-2BS104718-RGBW colours: R, G, B, W	67	18.4	27.6	2	1	1047	18
LS-2BS104728-RGBW colours: R, G, B, W	68	36.8	55.2	4	1	1047	28
LS-2BS104738-RGBW colours: R, G, B, W	69	55.2	82.8	6	2	1047	38
LS-2BS109218-RGBW colours: R, G, B, W	70	19.2	28.8	2	1	1092	18
LS-2BS109228-RGBW colours: R, G, B, W	71	38.4	57.6	4	1	1092	28
LS-2BS109238-RGBW colours: R, G, B, W	72	57.6	86.4	6	2	1092	38
LS-2BS113718-RGBW colours: R, G, B, W	73	20	30	2	1	1137	18
LS-2BS113728-RGBW colours: R, G, B, W	74	40	60	4	1	1137	28
LS-2BS113738-RGBW colours: R, G, B, W	75	60	90	6	2	1137	38
LS-2BS118218-RGBW colours: R, G, B, W	76	20.8	31.2	2	1	1182	18
LS-2BS118228-RGBW colours: R, G, B, W	77	41.6	62.4	4	1	1182	28
LS-2BS118238-RGBW colours: R, G, B, W	78	62.4	93.6	6	2	1182	38
LS-2BS122718-RGBW colours: R, G, B, W	79	21.6	32.4	2	1	1227	18
LS-2BS122728-RGBW colours: R, G, B, W	80	43.2	64.8	4	1	1227	28
LS-2BS122738-RGBW colours: R, G, B, W	81	65	97.2	6	2	1227	38
LS-2BS127218-RGBW colours: R, G, B, W	82	22.4	33.6	2	1	1272	18
LS-2BS127228-RGBW colours: R, G, B, W	83	44.8	67.2	4	1	1272	28
LS-2BS127238-RGBW colours: R, G, B, W	84	67.2	100.8	6	2	1272	38
LS-2BS131718-RGBW colours: R, G, B, W	85	23.2	34.8	2	1	1317	18
LS-2BS131728-RGBW colours: R, G, B, W	86	46.4	69.6	4	1	1317	28
LS-2BS131738-RGBW colours: R, G, B, W	87	69.6	104.4	6	2	1317	38
LS-2BS136218-RGBW colours: R, G, B, W	88	24	36	2	1	1362	18
LS-2BS136228-RGBW colours: R, G, B, W	89	48	72	4	1	1362	28
LS-2BS136238-RGBW colours: R, G, B, W	90	72	108	6	2	1362	38
LS-2BS140718-RGBW colours: R, G, B, W	91	24.8	37.2	2	1	1407	18

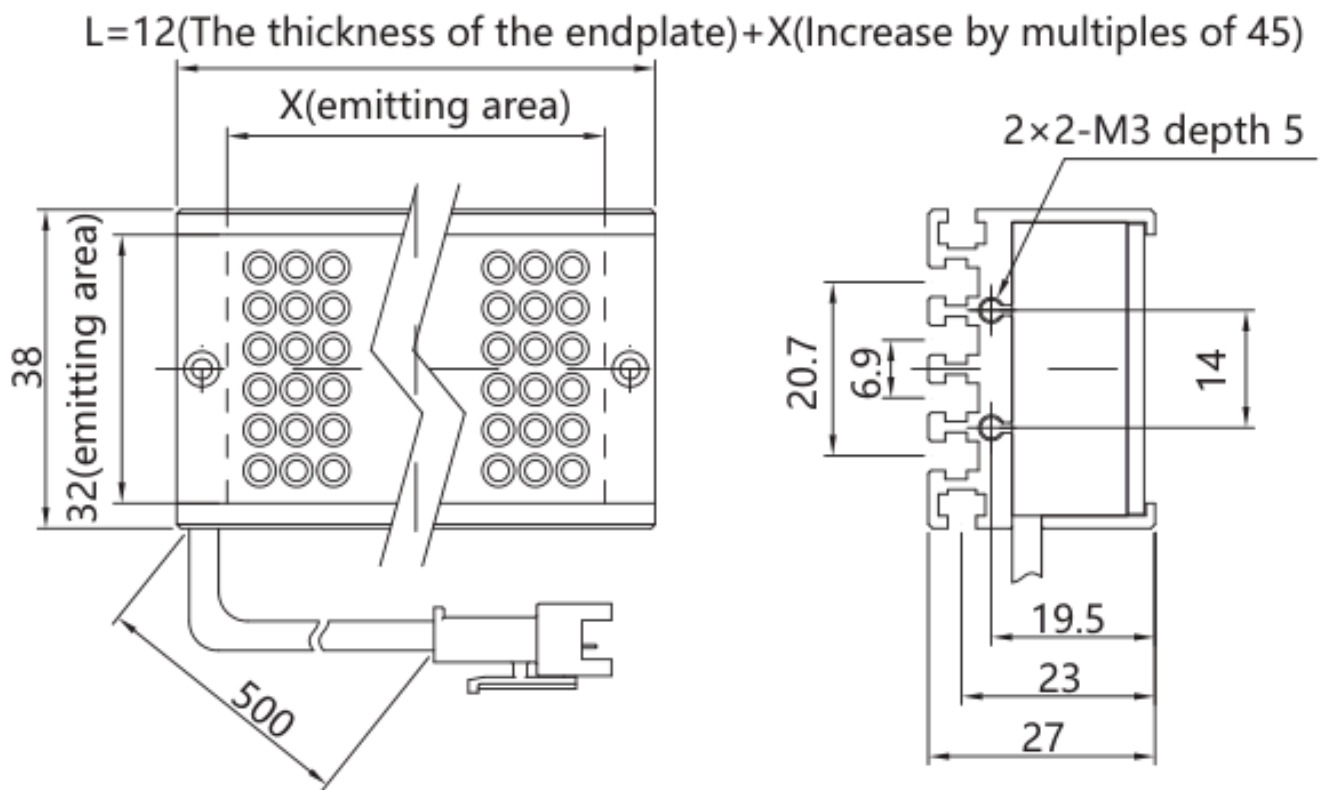
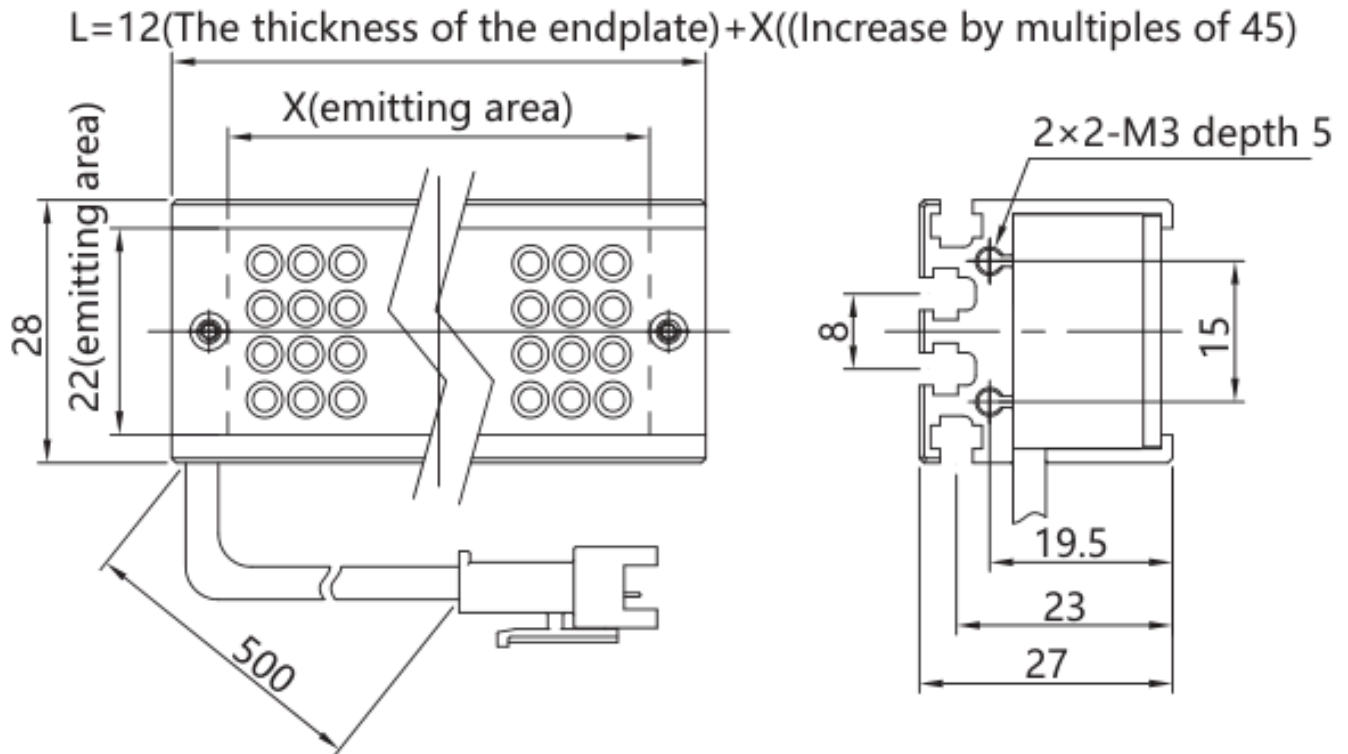
LS-2BS181218-RGBW colours: R, G, B, W	118	32	48	2	1	1812	18
LS-2BS181228-RGBW colours: R, G, B, W	119	64	96	4	2	1812	28
LS-2BS181238-RGBW colours: R, G, B, W	120	96	144	6	2	1812	38
LS-2BS185718-RGBW colours: R, G, B, W	121	32.8	49.2	2	1	1857	18
LS-2BS185728-RGBW colours: R, G, B, W	122	65.6	98.4	4	2	1857	28
LS-2BS185738-RGBW colours: R, G, B, W	123	98.4	147.6	6	2	1857	38
LS-2BS190218-RGBW colours: R, G, B, W	124	33.6	50.4	2	1	1902	18
LS-2BS190228-RGBW colours: R, G, B, W	125	67.2	100.8	4	2	1902	28
LS-2BS190238-RGBW colours: R, G, B, W	126	100.8	151.2	6	2	1902	38

More values per model (H (mm), Emitting width (mm, drawing), Recommended controller) are on each product page.

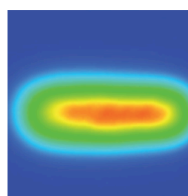
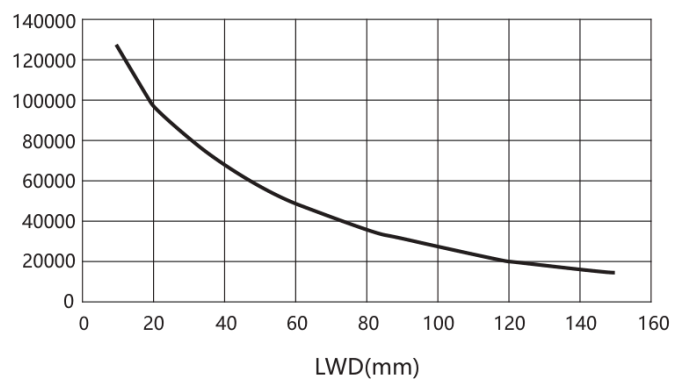
Dimensions

$L = 12(\text{The thickness of the endplate}) + X(\text{Increase by multiples of } 45)$

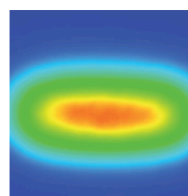




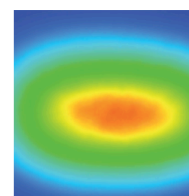
Performance



LWD=50mm



LWD=80mm



LWD=120mm

Product views

