

Diffused bar light (2BD series)

LS-2BD series · Bar lights · 165 models



Bar light with a flexible size design and patch (SMD) LEDs with a large divergence angle. A high-uniformity diffuse plate is used, so it can also serve as a backlight.

Features

- Flexible size design
- Custom color selection and combination
- Patch lamp beads with large divergence angle
- High uniformity diffuse plate, can also be used as a back light

Applications

- Wide field lighting
- PCB board character inspection
- QR code inspection
- Positioning inspection for mobile phone screen
- Hardware surface defect inspection
- High angle uniform irradiation

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

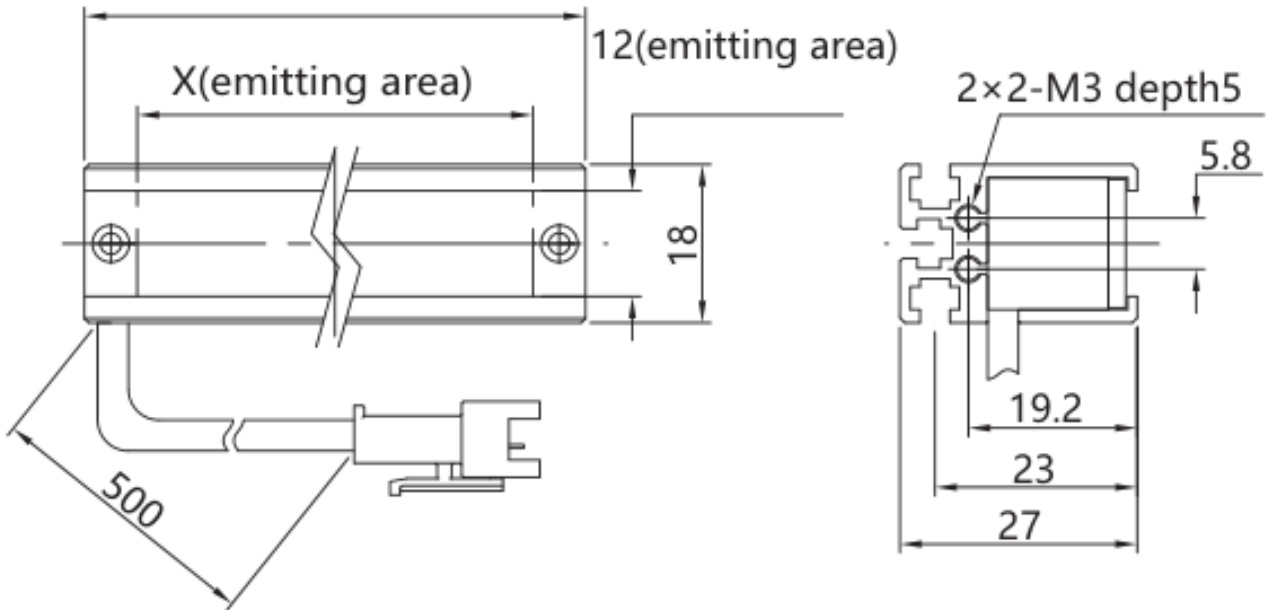
Wavelength red	620-630 nm
Wavelength green	520-530 nm
Wavelength blue	465-475 nm
Colour temperature white	6000-6500 K

LS-2BD23738-RGBW colours: R, G, B, W	15	6.5	8.5	5	1	237	38
LS-2BD28218-RGBW colours: R, G, B, W	16	3	3	1	1	282	18
LS-2BD28228-RGBW colours: R, G, B, W	17	5.4	7.8	3	1	282	28
LS-2BD28238-RGBW colours: R, G, B, W	18	7.8	10.2	5	1	282	38
LS-2BD32718-RGBW colours: R, G, B, W	19	3.5	3.5	1	1	327	18
LS-2BD32728-RGBW colours: R, G, B, W	20	6.3	9.1	3	1	327	28
LS-2BD32738-RGBW colours: R, G, B, W	21	9.1	11.9	5	1	327	38
LS-2BD37218-RGBW colours: R, G, B, W	22	4	4	1	1	372	18
LS-2BD37228-RGBW colours: R, G, B, W	23	7.2	10.4	3	1	372	28
LS-2BD37238-RGBW colours: R, G, B, W	24	10.4	13.6	5	1	372	38
LS-2BD41718-RGBW colours: R, G, B, W	25	4.5	4.5	1	1	417	18
LS-2BD41728-RGBW colours: R, G, B, W	26	8.1	11.7	3	1	417	28
LS-2BD41738-RGBW colours: R, G, B, W	27	11.7	15.3	5	1	417	38
LS-2BD46218-RGBW colours: R, G, B, W	28	5	5	1	1	462	18
LS-2BD46228-RGBW colours: R, G, B, W	29	9	13	3	1	462	28
LS-2BD46238-RGBW colours: R, G, B, W	30	13	17	5	1	462	38
LS-2BD50718-RGBW colours: R, G, B, W	31	5.5	5.5	1	1	507	18
LS-2BD50728-RGBW colours: R, G, B, W	32	9.9	14.3	3	1	507	28
LS-2BD50738-RGBW colours: R, G, B, W	33	14.3	18.7	5	1	507	38
LS-2BD55218-RGBW colours: R, G, B, W	34	6	6	1	1	552	18
LS-2BD55228-RGBW colours: R, G, B, W	35	10.8	15.6	3	1	552	28
LS-2BD55238-RGBW colours: R, G, B, W	36	15.6	20.4	5	1	552	38
LS-2BD59718-RGBW colours: R, G, B, W	37	6.5	6.5	1	1	597	18
LS-2BD59728-RGBW colours: R, G, B, W	38	11.7	16.9	3	1	597	28
LS-2BD59738-RGBW colours: R, G, B, W	39	16.9	22.1	5	1	597	38
LS-2BD64218-RGBW colours: R, G, B, W	40	7	7	1	1	642	18

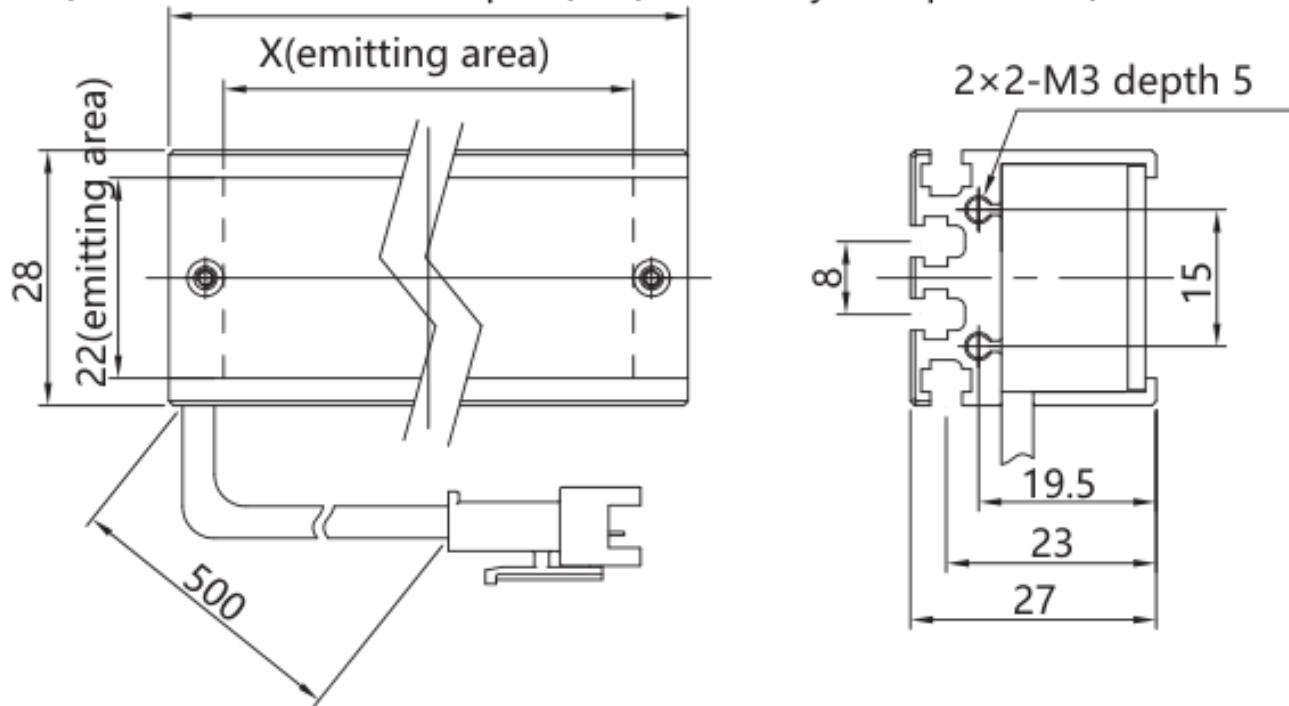
LS-2BD104718-RGBW colours: R, G, B, W	67	11.5	11.5	1	1	1047	18
LS-2BD104728-RGBW colours: R, G, B, W	68	20.7	29.9	3	1	1047	28
LS-2BD104738-RGBW colours: R, G, B, W	69	29.9	39.1	5	1	1047	38
LS-2BD109218-RGBW colours: R, G, B, W	70	12	12	1	1	1092	18
LS-2BD109228-RGBW colours: R, G, B, W	71	21.6	31.2	3	1	1092	28
LS-2BD109238-RGBW colours: R, G, B, W	72	31.2	40.8	5	1	1092	38
LS-2BD113718-RGBW colours: R, G, B, W	73	12.5	12.5	1	1	1137	18
LS-2BD113728-RGBW colours: R, G, B, W	74	22.5	32.5	3	1	1137	28
LS-2BD113738-RGBW colours: R, G, B, W	75	32.5	42.5	5	1	1137	38
LS-2BD118218-RGBW colours: R, G, B, W	76	13	13	1	1	1182	18
LS-2BD118228-RGBW colours: R, G, B, W	77	23.4	33.8	3	1	1182	28
LS-2BD118238-RGBW colours: R, G, B, W	78	33.8	44.2	5	1	1182	38
LS-2BD122718-RGBW colours: R, G, B, W	79	13.5	13.5	1	1	1227	18
LS-2BD122728-RGBW colours: R, G, B, W	80	24.3	35.1	3	1	1227	28
LS-2BD122738-RGBW colours: R, G, B, W	81	35.1	45.9	5	1	1227	38
LS-2BD127218-RGBW colours: R, G, B, W	82	14	14	1	1	1272	18
LS-2BD127228-RGBW colours: R, G, B, W	83	25.2	36.4	3	1	1272	28
LS-2BD127238-RGBW colours: R, G, B, W	84	36.4	47.6	5	1	1272	38
LS-2BD131718-RGBW colours: R, G, B, W	85	14.5	14.5	1	1	1317	18
LS-2BD131728-RGBW colours: R, G, B, W	86	26.1	37.7	3	1	1317	28
LS-2BD131738-RGBW colours: R, G, B, W	87	37.7	49.3	5	1	1317	38
LS-2BD136218-RGBW colours: R, G, B, W	88	15	15	1	1	1362	18
LS-2BD136228-RGBW colours: R, G, B, W	89	27	39	3	1	1362	28
LS-2BD136238-RGBW colours: R, G, B, W	90	39	51	5	1	1362	38
LS-2BD140718-RGBW colours: R, G, B, W	91	15.5	15.5	1	1	1407	18
LS-2BD140728-RGBW colours: R, G, B, W	92	27.9	40.3	3	1	1407	28

LS-2BD181228-RGBW colours: R, G, B, W	119	36	52	3	1	1812	28
LS-2BD181238-RGBW colours: R, G, B, W	120	52	68	5	1	1812	38
LS-2BD185718-RGBW colours: R, G, B, W	121	20.5	20.5	1	1	1857	18
LS-2BD185728-RGBW colours: R, G, B, W	122	36.9	53.3	3	1	1857	28
LS-2BD185738-RGBW colours: R, G, B, W	123	53.3	69.7	5	1	1857	38
LS-2BD190218-RGBW colours: R, G, B, W	124	21	21	1	1	1902	18
LS-2BD190228-RGBW colours: R, G, B, W	125	37.8	54.6	3	1	1902	28
LS-2BD190238-RGBW colours: R, G, B, W	126	54.6	71.4	5	1	1902	38
LS-2BD194718-RGBW colours: R, G, B, W	127	21.5	21.5	1	1	1947	18
LS-2BD194728-RGBW colours: R, G, B, W	128	38.7	55.9	3	1	1947	28
LS-2BD194738-RGBW colours: R, G, B, W	129	55.9	73.1	5	1	1947	38
LS-2BD199218-RGBW colours: R, G, B, W	130	22	22	1	1	1992	18
LS-2BD199228-RGBW colours: R, G, B, W	131	39.6	57.2	3	1	1992	28
LS-2BD199238-RGBW colours: R, G, B, W	132	57.2	74.8	5	1	1992	38
LS-2BD203718-RGBW colours: R, G, B, W	133	22.5	22.5	1	1	2037	18
LS-2BD203728-RGBW colours: R, G, B, W	134	40.5	58.5	3	1	2037	28
LS-2BD203738-RGBW colours: R, G, B, W	135	58.5	76.5	5	2	2037	38
LS-2BD208218-RGBW colours: R, G, B, W	136	23	23	1	1	2082	18
LS-2BD208228-RGBW colours: R, G, B, W	137	41.4	59.8	3	1	2082	28
LS-2BD208238-RGBW colours: R, G, B, W	138	59.8	78.2	5	2	2082	38
LS-2BD212718-RGBW colours: R, G, B, W	139	23.5	23.5	1	1	2127	18
LS-2BD212728-RGBW colours: R, G, B, W	140	42.3	61.1	3	1	2127	28
LS-2BD212738-RGBW colours: R, G, B, W	141	61.1	79.9	5	2	2127	38
LS-2BD217218-RGBW colours: R, G, B, W	142	24	24	1	1	2172	18
LS-2BD217228-RGBW colours: R, G, B, W	143	43.2	62.4	3	1	2172	28
LS-2BD217238-RGBW colours: R, G, B, W	144	62.4	81.6	5	2	2172	38

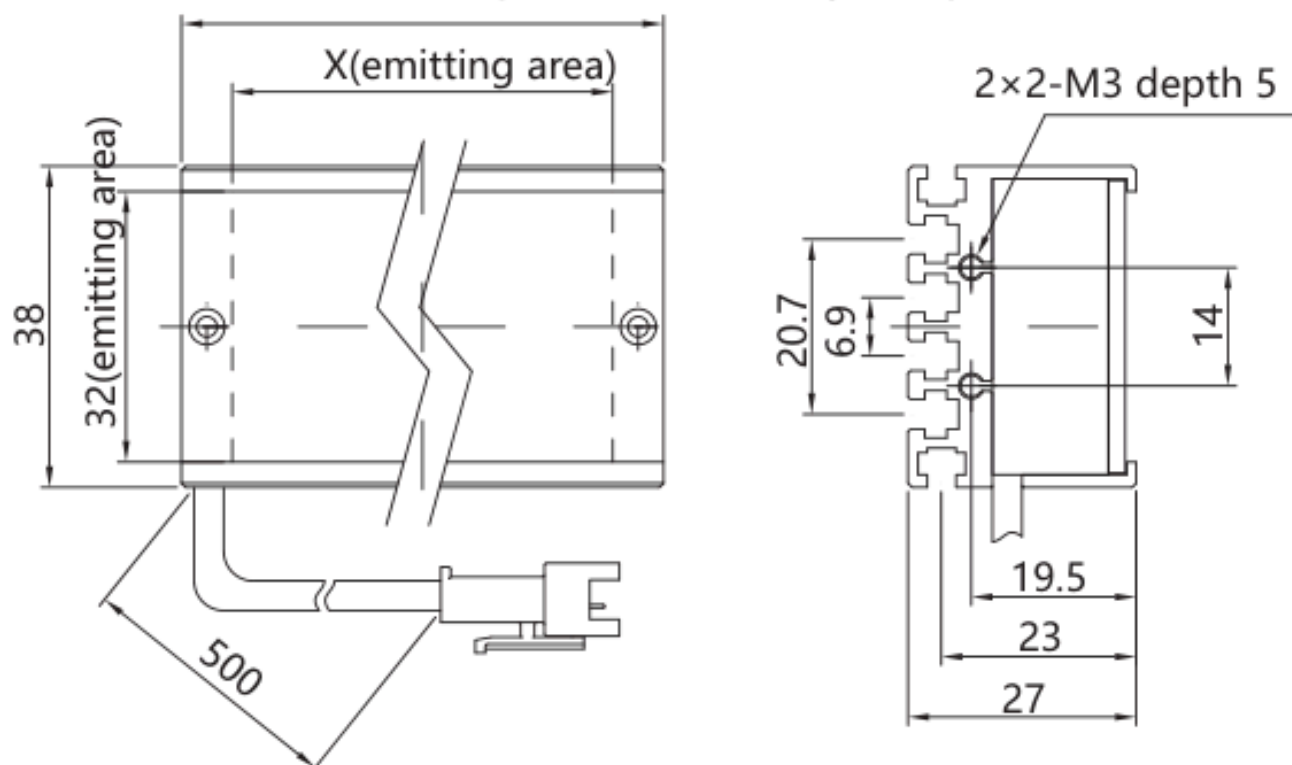
$L=12(\text{The thickness of the endplate})+X(\text{Increase by multiples of } 45)$



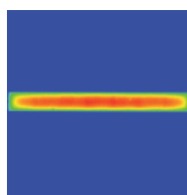
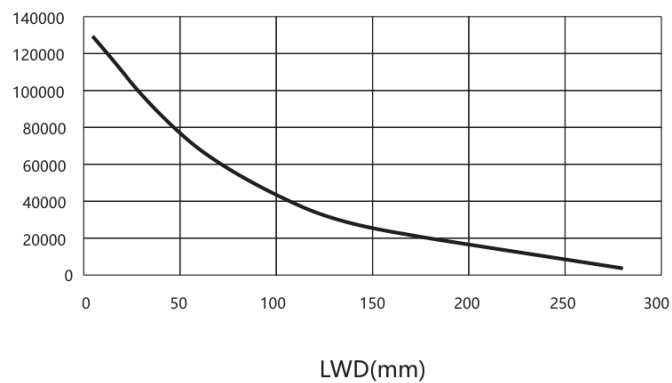
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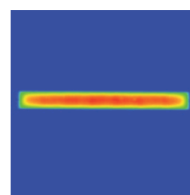
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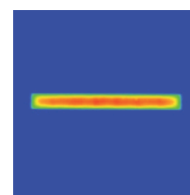
Performance



LWD=20mm



LWD=50mm



LWD=100mm

Product views

