

Features

- **Dual functionality** – provide both bright filed and dark filed lighting in one light depend on mounted angle with almost no length limitation. 15 and 30 mm emitting width can be selected.
- **High flexibility** – BL series can be combined or paralleled with to create a wide or large filed of view applications.

Applications

- General illumination, label inspection, printed inspection, code recognition.
- Edge detection, scratched on glass or shining surface.
- Clean room or machine illumination.
- Lighting source of AOI system for PCBA inspection. (SAL series)

Model Explanation



Available Models

BL-15 Series Emitting width 15mm					
Model	Color	Emitting Area (mm)	Max. Rated Current IFM(A)	Weight (g)	Dimension
BL-1550-W/R/G/B	○●●●	15 x 50	0.07	40	1
BL-15100-W/R/G/B	○●●●	15 x 100	0.14	75	2
BL-15150-W/R/G/B	○●●●	15 x 150	0.21	110	3
BL-15200-W/R/G/B	○●●●	15 x 200	0.28	145	4
BL-15250-W/R/G/B	○●●●	15 x 250	0.35	180	5
BL-15300-W/R/G/B	○●●●	15 x 300	0.42	215	6
BL-15500-W/R/G/B	○●●●	15 x 500	0.7	350	7
BL-15700-W/R/G/B	○●●●	15 x 700	0.9	500	8
BL-151000-W/R/G/B	○●●●	15 x 1000	1.3	750	9

BL-30 Series Emitting width 30mm					
Model	Color	Emitting Area (mm)	Max. Rated Current IFM(A)	Weight (g)	Dimension
BL-3050-W/R/G/B	○●●●	30 x 50	0.14	54	10
BL-30100-W/R/G/B	○●●●	30 x 100	0.28	100	11
BL-30150-W/R/G/B	○●●●	30 x 150	0.42	150	12
BL-30200-W/R/G/B	○●●●	30 x 200	0.56	195	13
BL-30250-W/R/G/B	○●●●	30 x 250	0.70	245	14
BL-30300-W/R/G/B	○●●●	30 x 300	0.82	290	15
BL-30500-W/R/G/B	○●●●	30 x 500	1.4	472	16
BL-301000-W/R/G/B	○●●●	30 x 1000	2.8	675	17

BL-60 Series Emitting width 60mm					
Model	Color	Emitting Area (mm)	Max. Rated Current IFM(A)	Weight (g)	Dimension
BL-6050-W/R/G/B	○●●●	60 x 50	0.09	78	18
BL-60100-W/R/G/B	○●●●	60 x 100	0.19	145	19
BL-60200-W/R/G/B	○●●●	60 x 200	0.38	280	20
BL-60500-W/R/G/B	○●●●	60 x 500	0.9	700	21
BL-601000-W/R/G/B	○●●●	60 x 1000	1.9	980	22

Lighting Structure

◆ BL series



Dimension Diagrams

