

Parallel Lights



Outline

Parallel lighting suppresses the diffusion to achieve the high precise performance on inspection.

Feature

1. Improving lighting diffusion, ideal for outline inspection.
2. Wide range WD, best choice for long distance inspection.
3. Inspection of high accuracy dimensional measurement.

Major applications

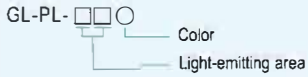
1. Applied to slight defect detection.
2. Motor parts, electronic components or pill packing.
3. Gap inspection of soldering tin and connector.

Available Models

Model	Color	Power Consumption	Working Distance(mm)	Weight (g)	Dimension
GL-PL50R	●	700mA/3W	300-450	254	1
GL-PL50W/B/G	○ ● ●	700mA/3W			
GL-PL68R	●	650mA/7.5W	Refer to P.77	1110	2
GL-PL68W/B/G	○ ● ●	650mA/10.8W			
GL-PL2-26R	●	700mA/3W	23-46	267	3
GL-PL2-26W/B/G	○ ● ●	700mA/3W			
GL-PL2-36R	●	700mA/3W	36-72	350	4
GL-PL2-36W/B/G	○ ● ●	700mA/3W			
GL-PL2-48R	●	700mA/3W	43-86	416	5
GL-PL2-48W/B/G	○ ● ●	700mA/3W			
GL-PL2-64 R	●	700mA/3W	63-126	805	6
GL-PL2-64 W/B/G	○ ● ●	700mA/3W			
GL-PL2-80 R	●	700mA/3W	76-152	1531	7
GL-PL2-80 W/B/G	○ ● ●	700mA/3W			
GL-PL2-100 R	●	700mA/3W	86-172	3062	8
GL-PL2-100 W/B/G	○ ● ●	700mA/3W			
GL-PL2-120 R	●	700mA/3W	93-186	3674	9
GL-PL2-120 W/B/G	○ ● ●	700mA/3W			
GL-PL2-150 R	●	700mA/3W	100-200	5630	10
GL-PL2-150 W/B/G	○ ● ●	700mA/3W			
GL-PL2-190R	●	700mA/3W	110-220	6124	11
GL-PL2-190W/B/G	○ ● ●	700mA/3W			
GL-PL2-240R	●	700mA/3W	135-270	7400	12
GL-PL2-240W/B/G	○ ● ●	700mA/3W			

PS: Dimmer for Parallel Light is on P85.

Model explanation



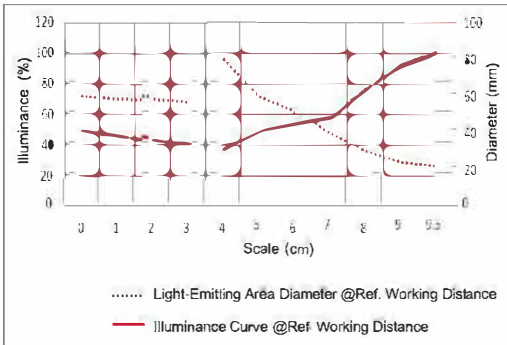
Luminous intensity distribution characteristics

PL68W Graph

Illuminate Height: 5CM, 10CM, 15CM



GL-PL68 Illuminance Curve



GL-PL68 Working Distance & Emitting Area

Scale(cm)	0	1	2	3	4	5	6	7	8	9	9.5
Ref Working Distance(cm)	5	5	5	5	100	82	65	99	82	73	67
Light-Emitting Area Diameter(cm)	72	70	70	68	80	60	52	40	30	24	22

Dimensional Diagrams(mm)

