

# Parallel Light



## Features

1. Focal length adjustable parallel lighting.
2. Improving lighting diffusion, ideal for outline inspection.
3. Wide range WD, best choice for long distance inspection.

## 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.51	1110	2
GL-PL68W/B/G	○	650mA/10.8W			
GL-PL2-26R	●	700mA/3W	23-46		3
GL-PL2-26W/B/G	○	700mA/3W			
GL-PL2-36R	●	700mA/3W	36-72		4
GL-PL2-36W/B/G	○	700mA/3W			
GL-PL2-48R	●	700mA/3W	43-86		5
GL-PL2-48W/B/G	○	700mA/3W			
GL-PL2-64R	●	700mA/3W	63-126		6
GL-PL2-64W/B/G	○	700mA/3W			
GL-PL2-80R	●	700mA/3W	76-152	1531	7
GL-PL2-80W/B/G	○	700mA/3W			
GL-PL2-100R	●	700mA/3W	86-172		8
GL-PL2-100W/B/G	○	700mA/3W			
GL-PL2-120R	●	700mA/3W	93-186		9
GL-PL2-120W/B/G	○	700mA/3W			
GL-PL2-150R	●	700mA/3W	100-200		10
GL-PL2-150W/B/G	○	700mA/3W			
GL-PL2-190R	●	700mA/3W	110-220		11
GL-PL2-190W/B/G	○	700mA/3W			
GL-PL2-240R	●	700mA/3W	135-270		12
GL-PL2-240W/B/G	○	700mA/3W			

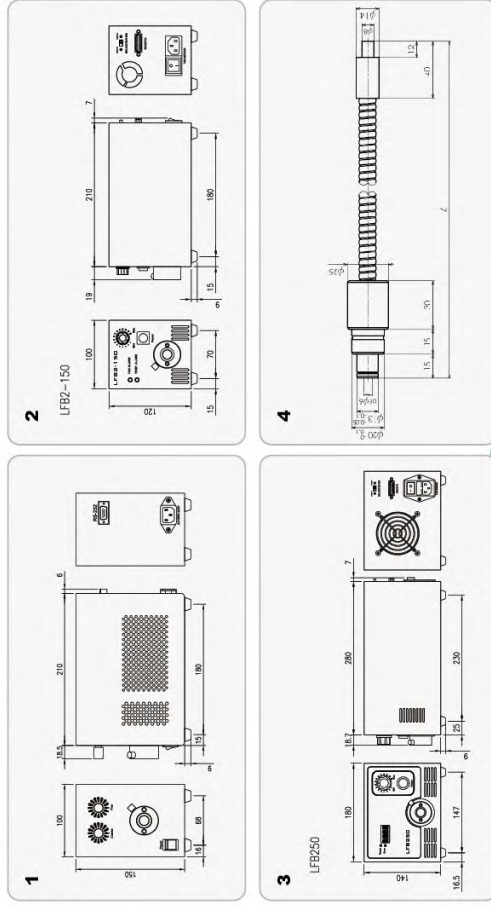
# Fiber-optic Light Guide



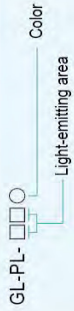
## Optional Accessories

Model	Spot Diameter	Length	Weight(g)	Dimension
ALC-SMFB-1M	φ 8mm	1 M	230	4
ALC-SMFB-2M	φ 8mm	2 M	290	

## Dimensional Diagrams(mm)



## Model explanation



## Luminous intensity distribution characteristics

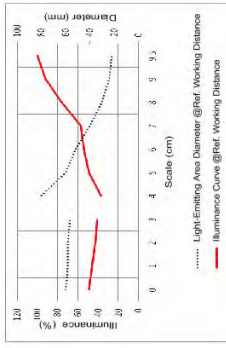
PL68W Graph

Illuminate Height:5CM,10CM,15CM



Brightness level 0 100

## GL-PL68 Illuminance Curve



## Working distance & Lighting-emitting area

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



## Dimmer for Parallel Light

### Available Models

Power Model	Power Requirement	Ampere	Connector	Output Type	Dimension	Weight (g)
GLC-RPI650-RS232	AC100V~AC240V	650mA	SMP-03V*1	Current control	13	1922
GLC-DPI270-RS232		700mA			14	1030
GLC-DPI470-RS232	AC100V~AC240V	700mA		Current control	15	
GLC-P1170					16	

## Dimensional Diagrams(mm)

