

# Low Angle Direct Ring Light IDR-LA series

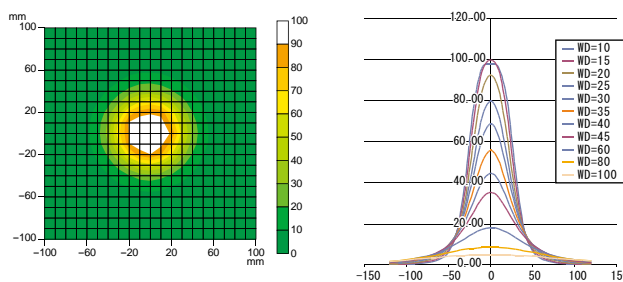


Suitable for edge detection and defect inspection

Model(12V)	Irradiating color	Number of LEDs	Power Consumption (W)	WD (mm)	SAG (°)	Outline drawing	Model(24V)
IDR-LA40/15R-2	R	36(2 lines)	1.5	5~10	6E	1	—
IDR-LA40/15□-2	DW/B/G	36(2 lines)	2.9	5~10	FF		—
IDR-LA50/24R-2-C01	R	48(2 lines)	2	10~20	6E	2	IDR-LA50RHV
IDR-LA50/24□-2-C01	DW/B/G	48(2 lines)	3.9	10~20	FF		IDR-LA50□HV
IDR-LA74/48R	R	90(2 lines)	3.6	15~30	70	3	IDR-LA74RHV
IDR-LA74/48□	DW/B/G	90(2 lines)	7.2	15~30	FF		IDR-LA74□HV
IDR-LA100/68R-3	R	180(3 lines)	7.2	20~40	72	4	IDR-LA100RHV
IDR-LA100/68□-3	DW/B/G	90(3 lines)	7.2	20~40	FF		IDR-LA100□HV
IDR-LA120/70R-3	R	228(3 lines)	9.2	20~40	74	5	IDR-LA120RHV
IDR-LA120/70□-3	DW/B/G	114(3 lines)	9.2	20~40	FF		IDR-LA120□HV
IDR-LA140/108R-3	R	264(3 lines)	10.6	15~40	75	6	IDR-LA140RHV
IDR-LA140/108□-3	DW/B/G	132(3 lines)	10.6	15~40	FF		IDR-LA140□HV
IDR-LA200/170R-3	R	396(3 lines)	15.9	40~45	79	7	IDR-LA200RHV
IDR-LA200/170□-3	DW/B/G	315(3 lines)	25.2	40~45	FF		IDR-LA200□HV

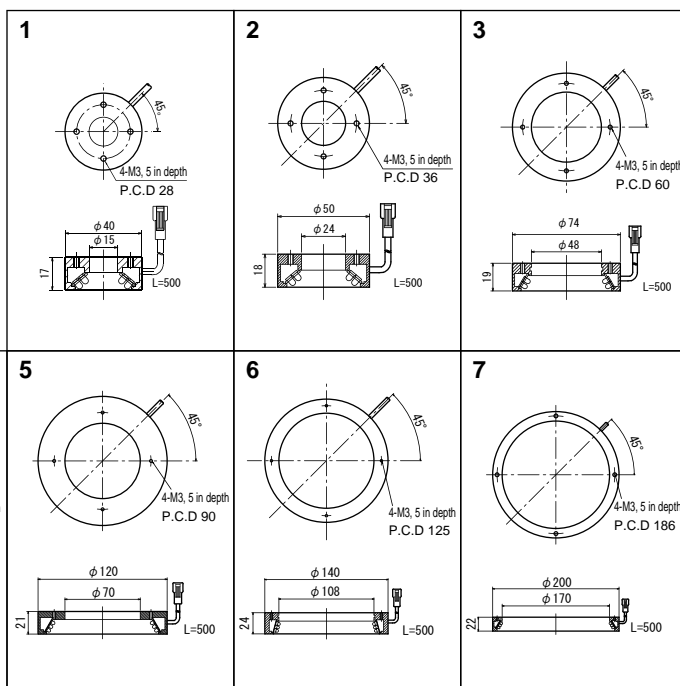
- ★ □ represents DW = white, B = blue, or G = green.
- ★ A diffusing ring (optional) can be attached.
  - LA40/15 is not applicable.
  - LA50/24-2-C01 has a different thickness.
- ★ Number of LEDs, power consumption, SAG value, and outline drawing are for DC12V products. Please contact us for specifications of DC24V products.
- ★ Sizes other than the above are also available.
- \* SAG represents the maximum SAG setting value. For details, refer to page 56.

### Luminance distribution



A wide area can be irradiated uniformly even at a distance close to a work surface.  
Measurement model: IDR-LA100/68DW-3  
WD: 20mm

Irradiating at a WD of 20 to 40mm is optimum.  
Measurement model: IDR-LA100/68DW-3



**Effect** Defects on a product and its contour can be detected by low angle irradiation from the periphery.

