

Ring Light

Multi-position Ring Light

IMAR-8CH series

Multi-channel model with flexible illumination from eight segments

Suitable for visual inspections of irregularly shaped objects

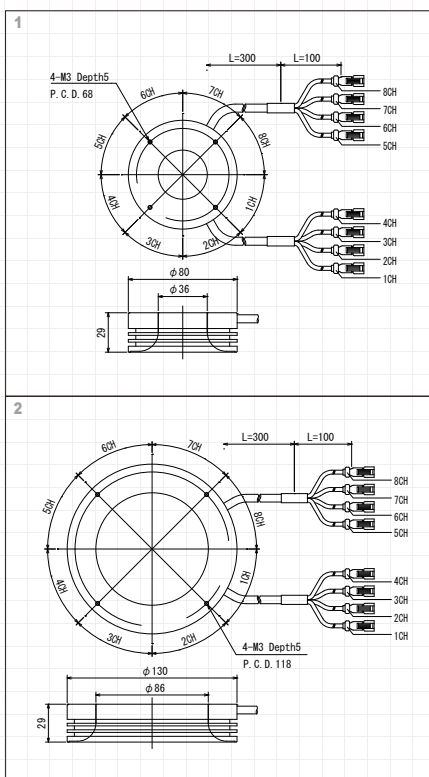
DC 24V Models Available



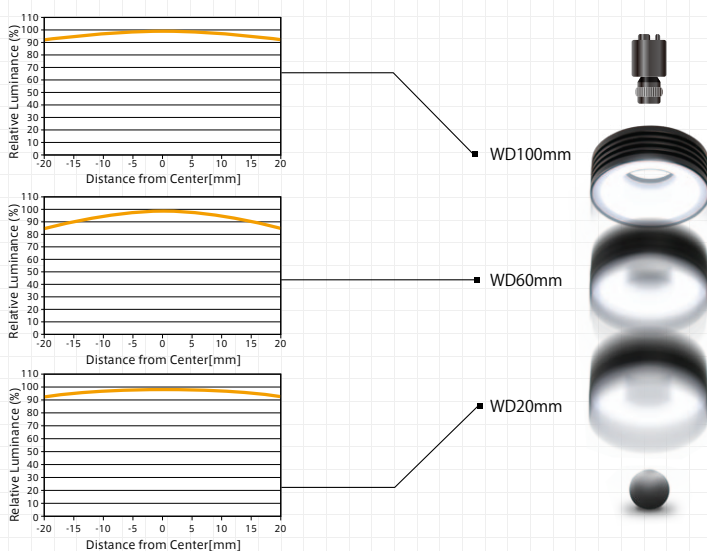
Model	Light Color	Power Consumption (W)	Input Voltage	SAG (*)	Power Supply	Drawing
IMAR-80□-8CH	AR	7	DC12V	A9/Each ch	IDGB-30M8 series (Stationary lighting) (P.67) IJS-40M8-TP (Overdrive lighting) (P.74)	1
	W	8		CB/Each ch		
	B	8		95/Each ch		
IMAR-130□-8CH	AR	14		A9/Each ch		
	W	16		D8/Each ch		
	B	16		9E/Each ch		

□ represents light color (AR=Red,W=White,B=Blue)

* The SAG value indicates the maximum voltage setting for SAG power supplies. For details, see page 75.



Luminance Distribution Chart (Reference Values) IMAR-80W



Enable to accurate detection by switching to high speed irradiation



It is able to switch 8-direction irradiation rapidly to combine overdrive power supply IJS-40M8-TP(P.74).

Inspection case of image synthesis



Lighting: IMAR-130W
Lighting: IMAR-130W-8CH (Single light)
Lighting: IMAR-130W-8CH
Can file images prevented halation by synthesizing to image from 8-direction irradiation.

Effect Can detect invisible defect in the case of omnidirectional irradiation.



Cannot detect a flaw due to evenly irradiating overall in case of omnidirectional irradiation.

Even if irradiation is in same direction a flaw, a flaw is not emphasised.

If illumination is in a vertical direction a flaw, a flaw is emphasised.

LIGHTING STRUCTURE

