

Line Light

Half-pipe Light for Line Sensor

IQDH-LSR series

Dome type with high power / high uniformity for line sensor

Natural air cooled

Power LEDs



Model	Light Color	Power Consumption (W)	Input Voltage	Power Supply	Drawing
IQDH-LSR100W-C02	W	14W×2	DC24V	IWDV-300S-24 (P.66)	1
IQDH-LSR200W-C02	W	28W×2			2
IQDH-LSR300W-C02	W	42W×2			3
IQDH-LSR400W-C02	W	56W×2			4

*Sizes other than those above are also available in multiples of 100mm.

Large lighting opening section achieves superior dome effect

The lighting opening section of approx. 160 mm allows illumination from any direction, which achieves superior dome effect at close range. Even in relatively far ranges, higher dome effect can be obtained compared with the line sensor light of other dome types.



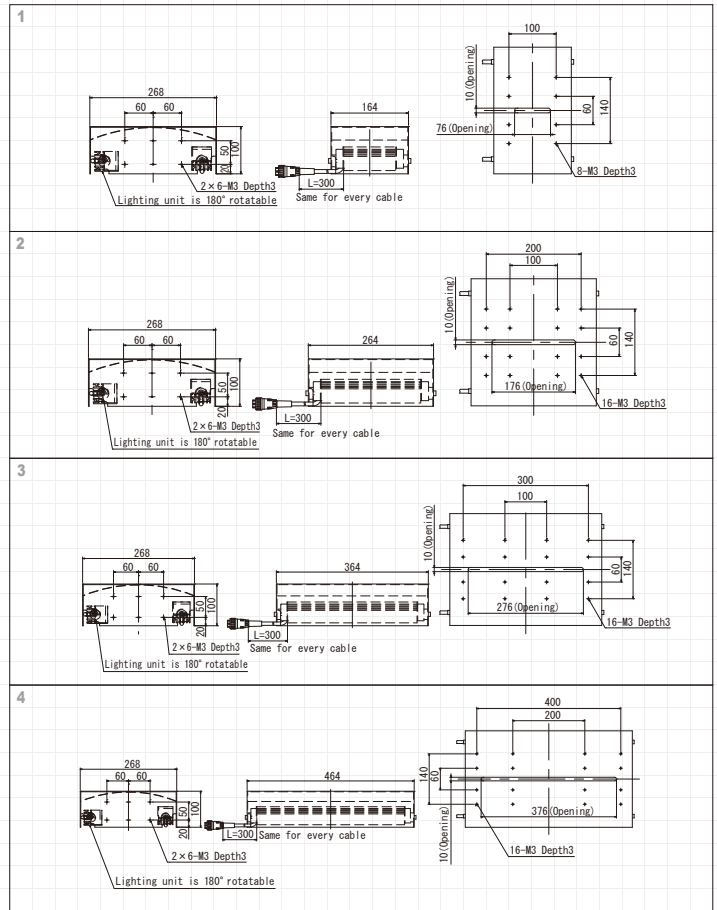
Internal section of lighting

The degree of inspection is adjustable depending on the inspection content

Because the mechanism which makes the light source section variable from 0-180° is attached, it can be adjusted for the light amount-oriented or diffusion-oriented focus. It has excellent versatility and changing the illumination shape depending on the inspected object is not necessary.



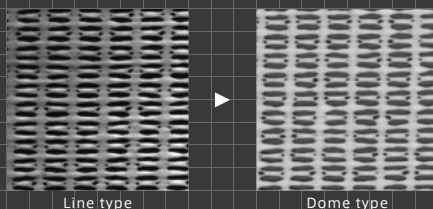
Lighting Opening is 160mm.



Dedicated extension cable

I-CB-S※R-MCB series	Model	Length(m)
	I-CB-S1R-MCB	1
	I-CB-S2R-MCB	2
	I-CB-S3R-MCB	3
	I-CB-S5R-MCB	5
	I-CB-S10R-MCB	10

Effect → Dome effect clears out the shadow of irregularity and enables uniform imaging



Line type

Dome type

Power Supply(voltage light control)

IWDV-300S-24(2CH)

Light control: 1000 levels
External Control: LAN control/10-bit parallel



details are described in P66

LIGHTING STRUCTURE

