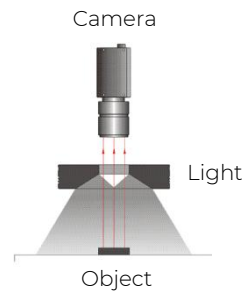# Ring Light Diffused Series

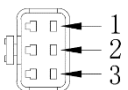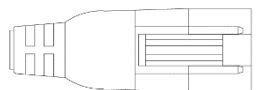V2.2

Applications
■ Surface defects inspection on curved objects
■ Characters inspection on labels
■ Small metal object recognition

Direct illumination for reducing reflective interference.

Technical specifications

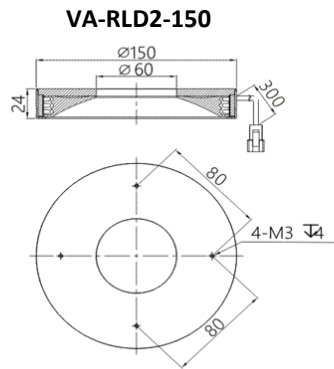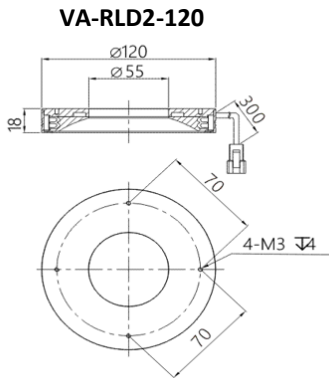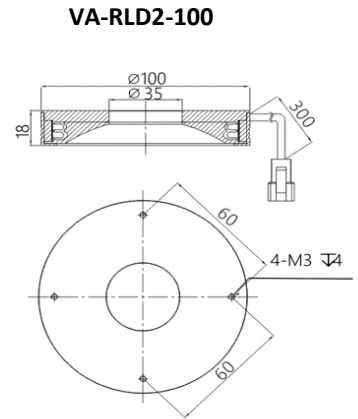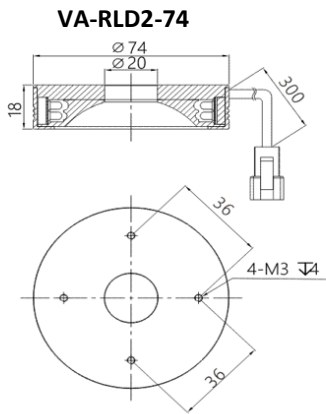| Light color	White (W)	6500 – 8500K
	Red (R)	620 – 630nm
	Green (G)	520 – 530nm
	Blue (B)	460 – 475nm
	Infrared (IR)	On request
	Ultraviolet (UV)	On request
Connector	JST-SMR-03V-B (FCB-3)	1 : +24V 2: NC 3: GND
Operating environment	Temperature	0~40 °C
	Humidity	20~85 %
Certification	CE / RoHS	
Accessories	VA-CABLE-MVL-FCB3-1m	1 meter extension cable
	VA-CABLE-MVL-FCB3-3m	3 meter extension cable
	VA-CABLE-MVL-FCB3-OE-3m	3 meter open end cable
	VA-CABLE-MVL-FCB3-5m	5 meter extension cable
Compatible Power Supply (Dimmable/ Trigger)	VA-PS2-A4-60W-24V	Analog 4 Channel / 24V / Total 60W / Max. 36W per channel
	VA-PS2-A2-150W-24V	Analog 2 Channel / 24V / Total 150W / Max. 72W per channel
	VA-PS2-A4-150W-24V	Analog 4 Channel / 24V / Total 150W / Max. 48W per channel
	VA-PS5-D4-150W-24V	Digital 4 Channel / 24V / Total 150W / Max. 72W per channel

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Product table

Model	Color ○ ● ● ●	Voltage	Power (R)*	Power (W/B/G)*	Dimensions (mm)	Weight (gram)	Express Stock
VA-RLD2-48	W/R/G/B	24V	2.5	3.4	48x10x18.5	60	No
VA-RLD2-74	W/R/G/B	24V	3.6	6.3	74x20x18	110	No
VA-RLD2-100	W/R/G/B	24V	7.4	9.7	100x35x18	170	White
VA-RLD2-120	W/R/G/B	24V	9.9	12.7	120x55x18	250	No
VA-RLD2-150	W/R/G/B	24V	15.0	20.2	150x60x24	400	No

*Tolerance +/- 10%

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Technical drawing

VA-RLD2-48

Ø 48
Ø 10
18.5
300
45°
4-M3 ⍀4
P.C.D. Ø 38
26.87
26.87

VA-RLD2-74

Ø 74
Ø 20
18
300
36
4-M3 ⍀4
36

VA-RLD2-100

Ø 100
Ø 35
18
300
60
4-M3 ⍀4
60

VA-RLD2-120

Ø 120
Ø 55
18
300
70
4-M3 ⍀4
70

VA-RLD2-150

Ø 150
Ø 60
24
300
80
4-M3 ⍀4
80

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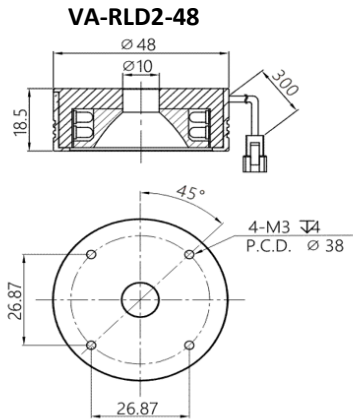
Product number

VA – RLD2	-	Emitting surface	-	Color
		48		W
		74		R
		100		G
		120		B
		150		IR
				UV

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