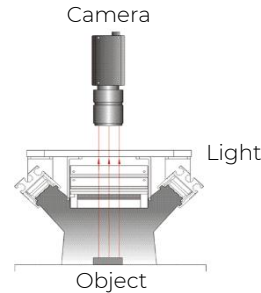# Bar Light Combined 3 Series

V2.2
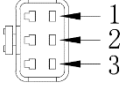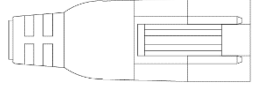
Applications
- Position and identification of large-field object
- Absence inspection of PCB components
- Directional defect inspection of scratches

Free angle adjustment. The intensity of each light can be controlled independently.

Technical specifications

Light color	White (W)	5800 – 7300K
	Red (R)	620 – 630nm
	Green (G)	520 – 530nm
	Blue (B)	460 – 475nm
	Infrared (IR)	On request
	Ultraviolet (UV)	On request
Options	Diffusor	Default assembled, removable by user
	Polarizer	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-PS5-D4-150W-24V	Digital 4 Channel / 24V / Total 150W / Max. 72W per channel
Light color	White (W)	5800 – 7300K
	Red (R)	620 – 630nm
	Green (G)	520 – 530nm
	Blue (B)	460 – 475nm
	Infrared (IR)	On request
	Ultraviolet (UV)	On request

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Product table

Model	Color ○ ● ● ●	Camera Window (mm)	Voltage	Power (R)*	Power (W/B/G)*	Dimensions B (mm)	Express Stock
VA-BLM3-41x41	W/R/G/B	41x16	24V	4x1.3W	4x1. 7W	112x112x37.5	No
VA-BLM3-80x41	W/R/G/B	101.5x62.5	24V	4x2.7W+4x1.3W	4x3.4W+4x1.3W	280x280x37.5	No
VA-BLM3-80x80	W/R/G/B	101.5x101.5	24V	4x2.7W	4x3.4W	151x151x37.5	No
VA-BLM3-119x119	W/R/G/B	140.5*140.5	24V	4x4W	4x5.1W	190x190x37.5	No
VA-BLM3-218x146	W/R/G/B	235.5x163.5	24V	2x7.8W+2x5.2W	2x13.7W+2x8.7W	307.5x235.5x37.5	No
VA-BLM3-218x218	W/R/G/B	235.5x235.5	24V	4x7.8W	4x13.7W	307.5x307.5x37.5	No
VA-BLM3-290x290	W/R/G/B	307.5x307.5	24V	4x10.5W	4x18.2W	379.5x379.5x37.5	No
VA-BLM3-386x386	W/R/G/B	403.5x403.5	24V	4x14.6W	4x25.3W	475.5x475.5x37.5	No

*Tolerance +/- 10%

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Technical drawing

VA-BLM3-41x41

112
92
62.5
112
92
62.5
90°
40
5
4-M3(For installation)

VA-BLM3-80x41

279.4
41
41
244.5
244.5
228.4
228.4
80
41
41
279.4
80
90°
40
5
8-Ø3.1Through
P.C.DØ278.3
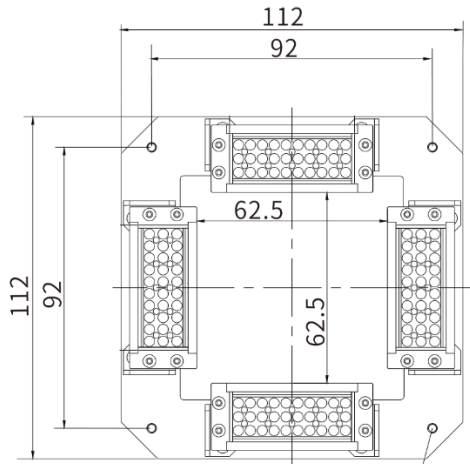
VA-BLM3-80x80
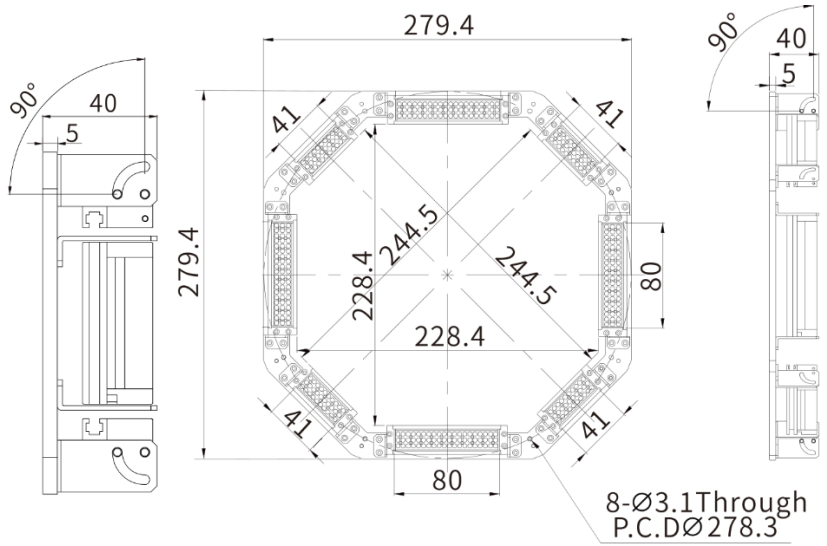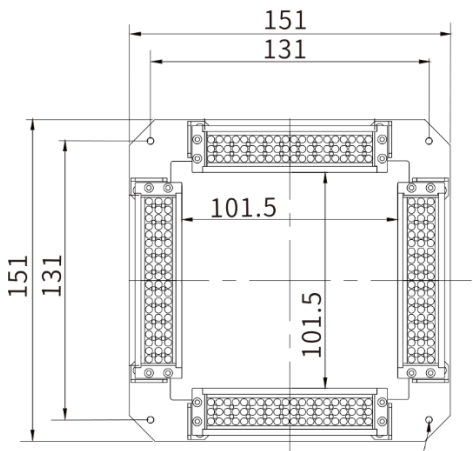
151
131
101.5
151
131
101.5
90°
40
5
4-M3(For installation)

VA-BLM3-190x190

190
170
140.5
190
170
140.5
90°
40
5
4-M3(For installation)

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![VA imaging logo]

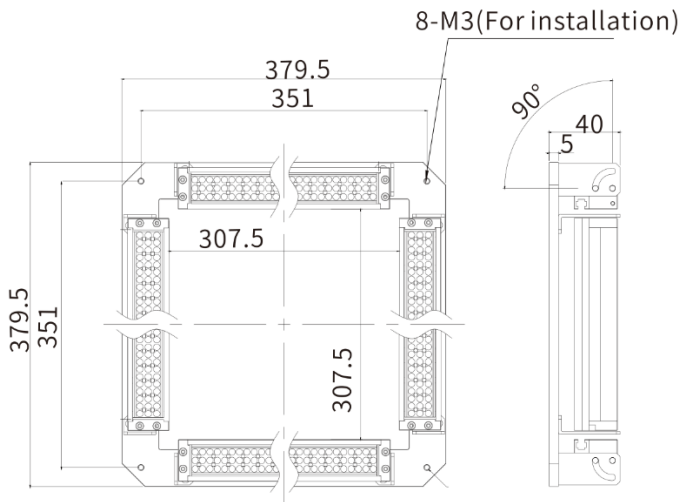**VA-BLM3-218x146**

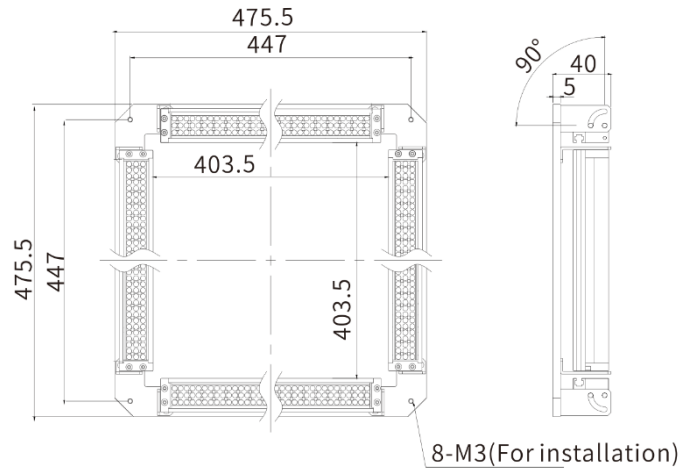

VA-BLM3-218x218
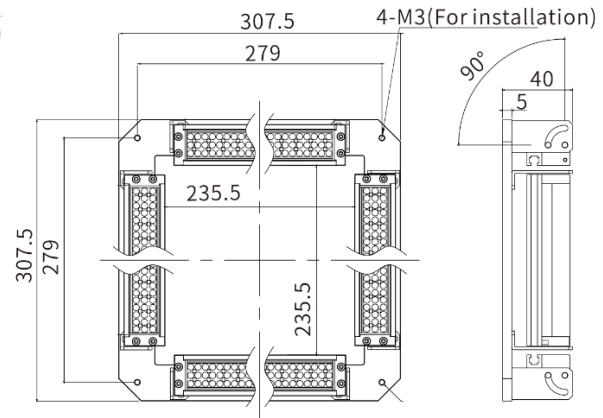
VA-BLM3-290x290

VA-BLM3-386x386

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Product number

VA - BLM3	-	Emitting surface	-	Color
		41x41		W
		....		R
				G
				B

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