

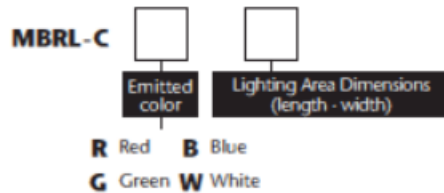
# Bar Illumination MBRL Series



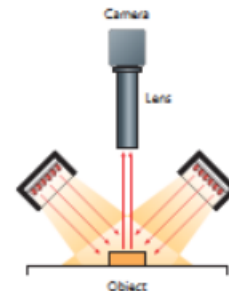
- High-intensity LED block array
- Can be directed at any angle to the surface for either direct, bright-field lighting or optimal oblique, dark-field lighting

Model	Emitted Color	Maximum Rated Current IFM(A)	Lighting Area Dimensions (mm)	Weight (g)	LED Controller
★ MBRL-CR3408	Red	0.09	34×8.4	35	MLEK-A080
★ MBRL-CG3408	Green	0.17	34×8.4		MLEK-A080
★ MBRL-CB3408	Blue	0.17	34×8.4		MLEK-A080
★ MBRL-CW3408	White	0.17	34×8.4		MLEK-A080
MBRL-CR5015	Red	0.13	50×15	50	MLEK-A080
★ MBRL-CG5015	Green	0.26	50×15		MLEK-A080
MBRL-CB5015	Blue	0.26	50×15		MLEK-A080
MBRL-CW5015	White	0.26	50×15		MLEK-A080
MBRL-CR7530	Red	0.36	75×30	120	MLEK-A080
★ MBRL-CG7530	Green	0.52	75×30		MLEK-A080
MBRL-CB7530	Blue	0.52	75×30		MLEK-A080
MBRL-CW7530	White	0.52	75×30		MLEK-A080
MBRL-CR13015	Red	0.32	130×15	85	MLEK-A080
★ MBRL-CG13015	Green	0.53	130×15		MLEK-A080
MBRL-CB13015	Blue	0.53	130×15		MLEK-A080
MBRL-CW13015	White	0.53	130×15		MLEK-A080
★ MBRL-CR24015	Red	0.60	240×15	270	MLEK-A080
★ MBRL-CG24015	Green	0.80	240×15		MLEK-A080
★ MBRL-CB24015	Blue	0.80	240×15		MLEK-A080
★ MBRL-CW24015	White	0.80	240×15		MLEK-A080
★ MBRL-CR36015	Red	0.80	360×15	380	MLEK-A080
★ MBRL-CG36015	Green	1.09	360×15		MLEK-A230
★ MBRL-CB36015	Blue	1.09	360×15		MLEK-A230
★ MBRL-CW36015	White	1.09	360×15		MLEK-A230
★ MBRL-CR48015	Red	1.06	480×15	480	MLEK-A230
★ MBRL-CG48015	Green	1.32	480×15		MLEK-A230
★ MBRL-CB48015	Blue	1.32	480×15		MLEK-A230
★ MBRL-CW48015	White	1.32	480×15		MLEK-A230

Explanation of Model Code



## Illumination Structure



## Sample Images

MBRL-CW7530 with MDF-BR7530



Wafer Characters

MBRL-CR7530



Razor Edge



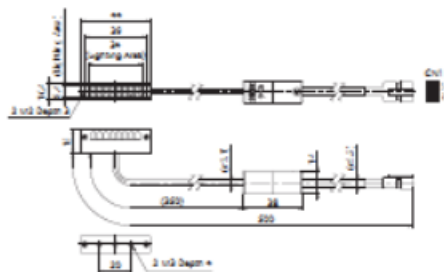
945 East 11<sup>th</sup> Avenue Tampa, FL 33605

Phone: (813) 984-0125

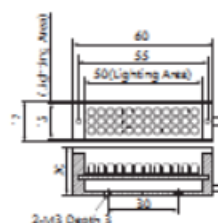
Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>

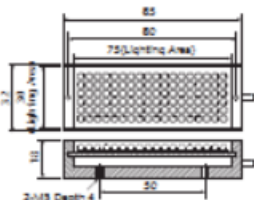
### MBRL-CR (CG,CB,CW) 3408



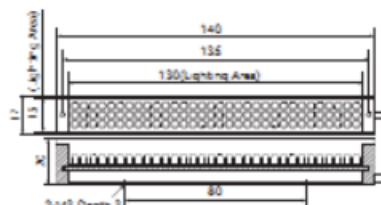
### MBRL-CR (CG,CB,CW) 5015



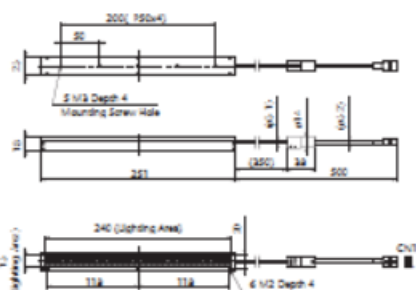
### MBRL-CR (CG,CB,CW) 7530



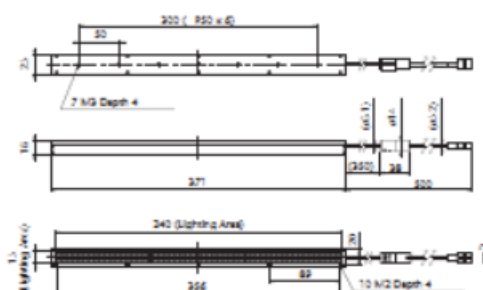
### MBRL-CR (CG,CB,CW) 13015



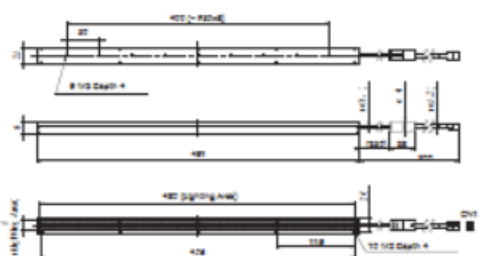
### MBRL-CR (CG,CB,CW) 24015



### MBRL-CR (CG,CB,CW) 36015



### MBRL-CR (CG,CB,CW) 48015



### Accessories

#### Diffusion Plate

#### Polarizer



(P.157)

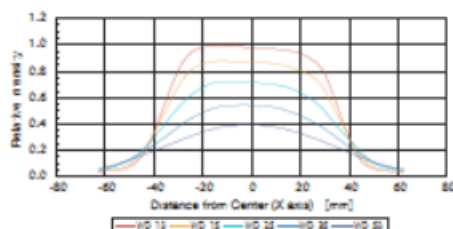


(P.158)

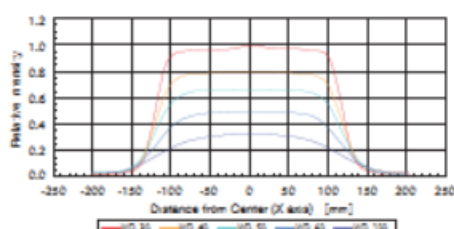
Diffuser and Polarizer are available to prevent the vignetting of images.

### Light Distribution Characteristics

#### MBRL-CW7530



#### MBRL-CW24015



945 East 11<sup>th</sup> Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@ pyramidimaging.com

<https://pyramidimaging.com>