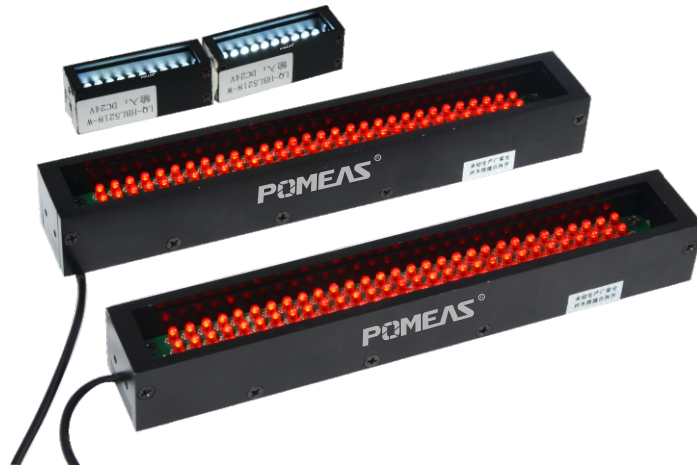


## POMEAS Bar Light Series:

Bar light is especially suitable for imaging of large-scale features.



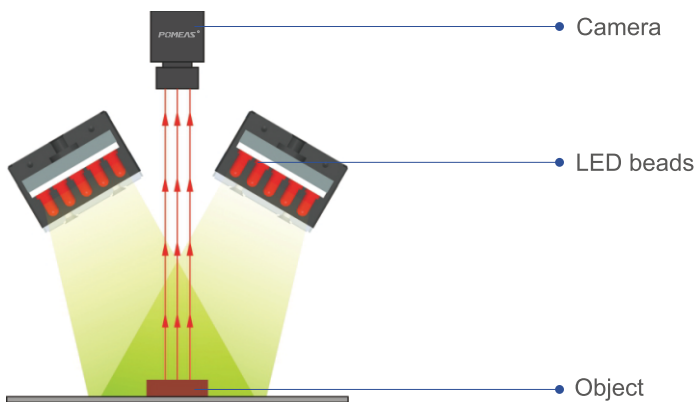
### Product Advantages

Bar light is especially suitable for imaging of large-scale features, its length varies from tens of millimeters to several meters, and the light source color can be selected according to actual needs. Multiple strip light sources can be combined freely, and the irradiation angle can also be adjusted according to the detection requirements. It is one of the most widely used light sources in machine vision.

### Application Fields

- ◆ Detection of package damage.
- ◆ Detect LCD characters and positioning marks.
- ◆ Detect the damage of expansion film and stretch film.
- ◆ Detect the damage of masking tape.
- ◆ Check the flatness of connector pin.
- ◆ Check the liquid crystal element.
- ◆ Detect scratches on the surface of large-area objects.

### Illumination Structure



### Patch and Divergent Type Bar Light

Large angle SMD LED is adopted. The light source has large luminous angle and uniform illumination. It is suitable for medium and high angle n-degree illumination with large field of vision.



Bar Light	Product Parameter					
Peak Wavelength	Red: 620-630nm 645-660nm	Green: 525nm	Blue: 470nm	White(CT) : 6500K(Temperature)	IR: 850-950nm	UV: 365-395nm
Controller	PMS-PI2404-4-RS232T					
Environment Temperature	Temperature:0-40°C ; Humidity: 20-85%RH(Non-condensing)					
Optional	Diffuser plate (A few available) Extended line (Optional, Standard length 0.5m)					
Expected Service Life	When the ambient temperature is 25°C, the white light works continuously at 50% brightness for more than 30000h (When attenuation 50%)					
Product Advantage	All products are delivered with one-year standard free technical support, and can be customized according to the characteristics of the measured object, working distance, illumination angle, color and field of view according to customer requirements.					



Bar Light Series(14 Series)		Product Model & Specification					
Luminous Area	Model	Power	Voltage	Color	CT/Wavelength	LED Row	Options
Short	PMS-GBRL-50X14R/W/B	0.8W	24V	Red	625nm	3 Row	Diffuser plate
		1.2W	24V	White	6500k	3 Row	Diffuser plate
		1.2W	24V	Blue	470nm	3 Row	Diffuser plate
	PMS-GBRL-100X14R/W/B	1.6W	24V	Red	625nm	3 Row	Diffuser plate
		2.4W	24V	White	6500k	3 Row	Diffuser plate
		2.4W	24V	Blue	470nm	3 Row	Diffuser plate
PMS-GBRL-150X14R/W/B	2.4W	24V	Red	625nm	3 Row	Diffuser plate	
	3.6W	24V	White	6500k	3 Row	Diffuser plate	
	3.6W	24V	Blue	470nm	3 Row	Diffuser plate	
Long	PMS-GBRL-200X14R/W/B	3.2W	24V	Red	625nm	3 Row	Diffuser plate
		4.8W	24V	White	6500k	3 Row	Diffuser plate
		4.8W	24V	Blue	470nm	3 Row	Diffuser plate
	PMS-GBRL-250X14R/W/B	8W	24V	Red	625nm	3 Row	Diffuser plate
		12W	24V	White	6500k	3 Row	Diffuser plate
		12W	24V	Blue	470nm	3 Row	Diffuser plate
PMS-GBRL-300X14R/W/B	9.6W	24V	Red	625nm	3 Row	Diffuser plate	
	14.4W	24V	White	6500k	3 Row	Diffuser plate	
	14.4W	24V	Blue	470nm	3 Row	Diffuser plate	

Bar Light Series(34 Series)		Product Model & Specification					
Luminous Area	Model	Power	Voltage	Color	CT/Wavelength	LED Row	Options
Short	PMS-GBRL-50X34R/W/B	1.6W	24V	Red	625nm	6 Row	Diffuser plate
		2.4W	24V	White	6500k	6 Row	Diffuser plate
		2.4W	24V	Blue	470nm	6 Row	Diffuser plate
	PMS-GBRL-100X34R/W/B	3.2W	24V	Red	625nm	6 Row	Diffuser plate
		4.8W	24V	White	6500k	6 Row	Diffuser plate
		4.8W	24V	Blue	470nm	6 Row	Diffuser plate
PMS-GBRL-150X34R/W/B	4.8W	24V	Red	625nm	6 Row	Diffuser plate	
	7.2W	24V	White	6500k	6 Row	Diffuser plate	
	7.2W	24V	Blue	470nm	6 Row	Diffuser plate	
Long	PMS-GBRL-200X34R/W/B	6.4W	24V	Red	625nm	6 Row	Diffuser plate
		9.6W	24V	White	6500k	6 Row	Diffuser plate
		9.6W	24V	Blue	470nm	6 Row	Diffuser plate
	PMS-GBRL-250X34R/W/B	8W	24V	Red	625nm	6 Row	Diffuser plate
		12W	24V	White	6500k	6 Row	Diffuser plate
		12W	24V	Blue	470nm	6 Row	Diffuser plate
PMS-GBRL-300X34R/W/B	9.6W	24V	Red	625nm	6 Row	Diffuser plate	
	14.4W	24V	White	6500k	6 Row	Diffuser plate	
	14.4W	24V	Blue	470nm	6 Row	Diffuser plate	

