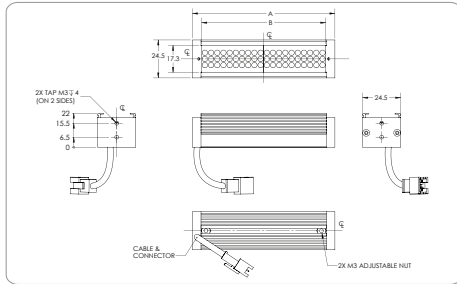
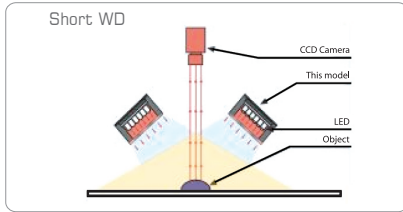


# 2017 Direct Illumination

## LBRX 3 ROW SERIES – SMD High-density, rectangular illumination (for short working distance)

3 Row SMD LED with lens arrays are arranged in rectangular array to provide rectangular illumination. The rectangular illumination can be mounted with different angle to provide difference in illumination reflection for image processing. Optional diffuser can be added to all LBRX series for more even light distribution.

Application: general illumination, label inspection, character inspection, code recognition.



### Technical Specification:

- Color Red, Green, Blue and White
- 24V DC Input Power
- Continuous and Strobe Applications
- Compact Size
- Lighting Cable 500mm

### Customize Lighting:

- Customize Sizes, Mounting requirements
- Color and Voltage Available
- Consult Technical Sales for More Information

Model	Dimensions (MM)		Color	Voltage / Watt		Current	RGB Color	Voltage / Watt		Current	Weight (g)
	A	B									
LBRX-00-040-3-X	52.0	40.0	●●○ IR 850 UV 365	24V / 0.79W	33mA	●●●	24V / 1.80W	75mA	50		
				24V / 1.01W	42mA			24V / 1.80W		75mA	
				24V / 1.20W	50mA			24V / 1.80W		75mA	
LBRX-00-080-3-X	92.0	80.0	●●○ IR 850 UV 365	24V / 1.58W	66mA	●●●	24V / 3.60W	150mA	70		
				24V / 2.02W	84mA			24V / 3.60W		150mA	
				24V / 2.16W	90mA			24V / 3.60W		150mA	
LBRX-00-120-3-X	132.0	120.0	●●○ IR 850 UV 365	24V / 2.38W	99mA	●●●	24V / 5.40W	225mA	95		
				24V / 3.02W	126mA			24V / 5.40W		225mA	
				24V / 3.24W	135mA			24V / 5.40W		225mA	
LBRX-00-160-3-X	172.0	160.0	●●○ IR 850 UV 365	24V / 3.17W	132mA	●●●	24V / 7.20W	300mA	115		
				24V / 4.03W	168mA			24V / 7.20W		300mA	
				24V / 4.32W	180mA			24V / 7.20W		300mA	
LBRX-00-200-3-X	212.0	200.0	●●○ IR 850 UV 365	24V / 3.96W	165mA	●●●	24V / 9.00W	375mA	140		
				24V / 5.04W	210mA			24V / 9.00W		375mA	
				24V / 5.40W	225mA			24V / 9.00W		375mA	

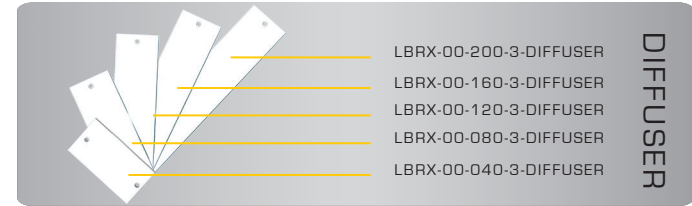
Remarks: LBRX 3 row series can cascade (Single colour / RGB) able to customize to maximum length 960mm

# 2017 Direct Illumination

## LBRX 3 Series – Available with Optional Items

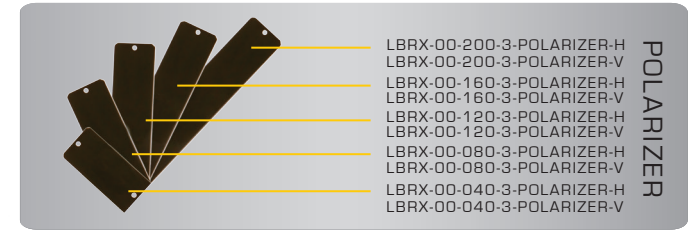
### Optional Diffuser

Diffuser can be added to LBRX Series for more even light distribution. Diffuser Help to reduce shine from glossy application and produce lighting softer, more beautiful and more shadow-free. It is also able to improve the evenness of lighting. The thickness of diffuser is 2mm.



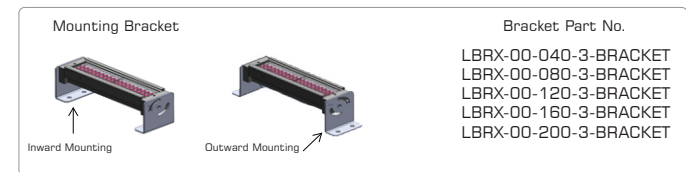
### Optional Polarizer

There are two models of polarizer available. Please select a model with either vertical (V) or horizontal (H) functionality. Polarizer ensure the maximum extinction of unwanted glare and absorbed harsh reflection to provide better performance. The thickness of polarizer is 0.8 mm.



### Optional with Flexible Mounting Bracket

Mounting Bracket being designed with flexible mounting purpose either by inward mounting or outward mounting.



### Optional Connector

Standard Lighting Male Connector

PIN 1	24V
PIN 2	-
PIN 3	GND

M8 Male Connector M8 Pin Assignment

PIN 1	-	-
PIN 2	RED	24V
PIN 3	-	-
PIN 4	BLACK	GND

M12 Male Connector M12 Pin Assignment

PIN 1	BROWN	24V
PIN 2	WHITE	-
PIN 3	BLUE	GND
PIN 4	BLACK	-
PIN 5	GRAY	-

Product Part Numbering System :  
LBRX-00-040-3-X-24V-M8

Product Part Numbering System :  
LBRX-00-040-3-X-24V-M12