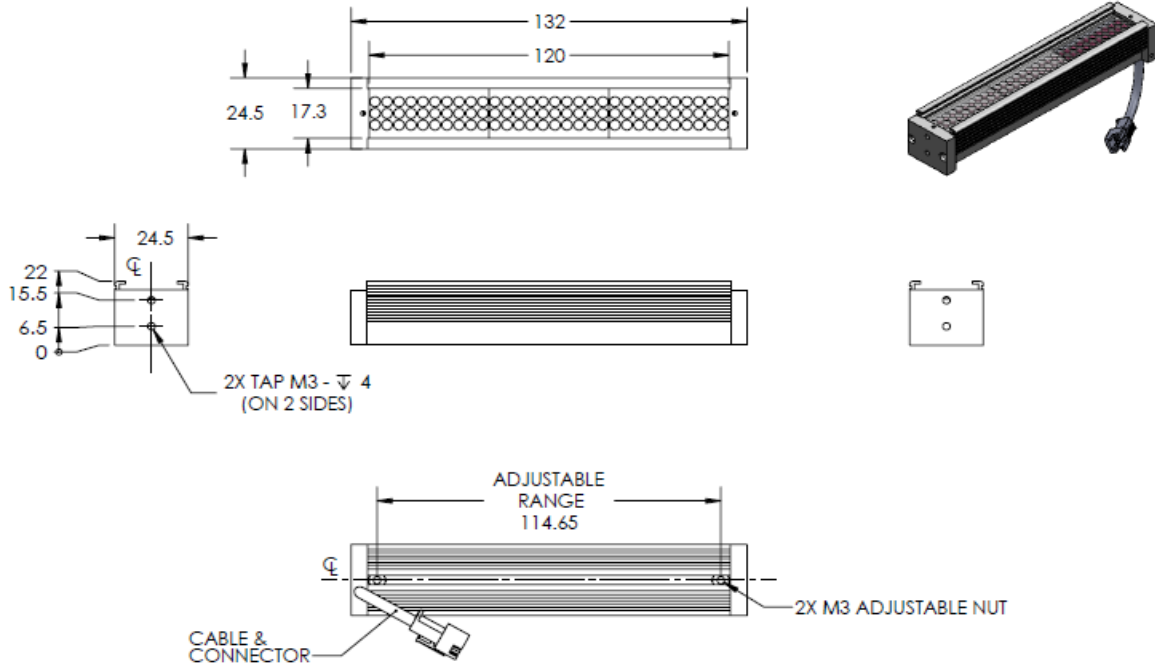




# ILLUMINATOR DATA-ID

## LBRX-00-120-3-R-12V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	95 g
Length / Outer Diameter	132 mm
Width / Inner Diameter	24.5 mm
Thickness	22 mm



# ILLUMINATOR DATA-ID

## LBRX-00-120-3-R-12V

Optical Information		LBRX-00-120-3-R-12V		
Part Number		LBRX-00-120-3-R-12V		
LED Color		RED		
Wavelength	(nm)	630		
Intensity	(Lux)	6030	5170	4630
Working Distance	(mm)	80	90	100
Illumination (number of row)		3		
Illumination Active Area				
Active Length / Outer Dia.	(mm)	120		
Active Width / Inner Dia.	(mm)	17.3		
Emission angle	(deg.)	0		
Eye Safety Class		EXEMPT		
<b>Electrical Information</b>				
Lighting Supply Voltage (constant voltage mode)		12V ± 2%		
Continuous Current	(mA)	180		
Power Consumption	(W)	2.16		
Lighting casing temperature, Operating after 60 minutes	°C	51.7		
<b>Strobe Mode Specification</b>				
Pulse Operation		YES		
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 12VDC to 24VDC, 0-10% Duty Cycle Recommended at 18VDC		
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	540		
Max. Trigger Pulse Duration	(msec)	10		
Duty Cycle		0-10%		
<b>Additional Information</b>				
Additional Cooling Method		Attached to machine part for better heat dissipation		
Intensity Controller Selection		ANG, SD, ST and SDA Series		
CE Conformity		YES		
RoHS Compliance		YES		
<b>Connection</b>				
Connector Type (Default):		JST SMR-02V		
Cable Length out from lighting :	(mm)	500		
Pin Configuration :		Pin	Signal	Cable Color
		1	LED +	RED
		2	LED -	WHITE
				
<b>Application</b>				
Illumination Type		Direct Illumination		
Application Use		General illumination, label inspection, character inspection, code recognition		



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