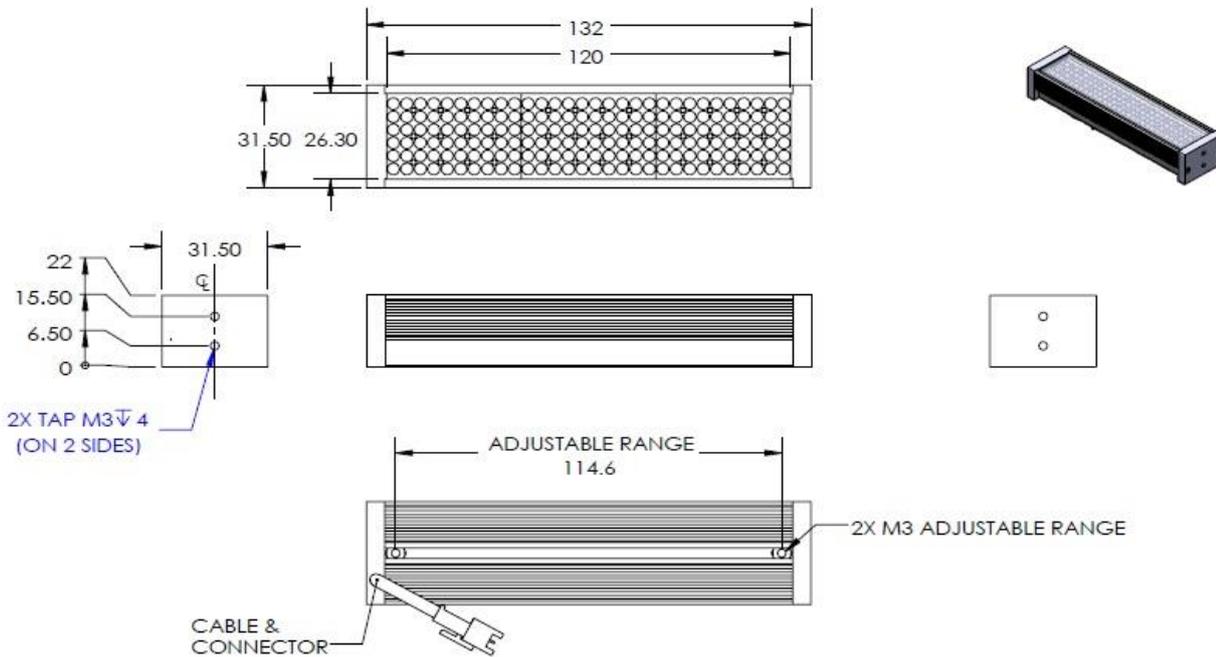




ILLUMINATOR DATA

LBRX-00-120-6-R-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	130g
Width	31.5mm
Length	132mm
Thickness	22mm



LBRX-00-120-6-R-24V

Optical Information			
Part Number		LBRX-00-120-6-R-24V	
LED Color		RED	
Wavelength	(nm)	630	
Intensity	(Lux)	11810	8610
Working Distance	(mm)	100	130
Illumination (number of row)		6	
Illumination Active Area			
Active Length	(mm)	120	
Active Width	(mm)	26.3	
Emission angle	(deg.)	0	
Eye Safety Class		II	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	234	
Power Consumption	(W)	5.62	
LED temperature, Operating after 60 minutes	°C	63.8	
Lighting casing temperature, Operating after 60 minutes	°C	56.2	
Strobe Mode Specification			
Pulse Operation		YES	
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC	
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	702	
Max. Trigger Pulse Duration	(msec)	10	
Duty Cycle		0-10%	
Additional Information			
Additional Cooling Method		Attached to machine part for better heat dissipation	
Life span in continuous mode		20,000 hours (drop to 50% intensity) at 25°C	
Life span in strobe mode		Est. >50,000 hours (drop to 50% intensity) at 25°C	
Intensity Controller Selection		ANG-Series, LC-Series, STB-Series	
CE Conformity		YES	
RoHS Compliance		YES	
Connection			
Connector Type (Default):		JST SMR-03V	
Cable Length out from lighting :	(mm)	500	
Pin Configuration :		Pin	Signal
		1	LED +
		2	N.C.
		3	LED -
			Cable Color
			RED

			WHITE
			
Application			
Optimal Working Distance	(mm)	100 - 150	