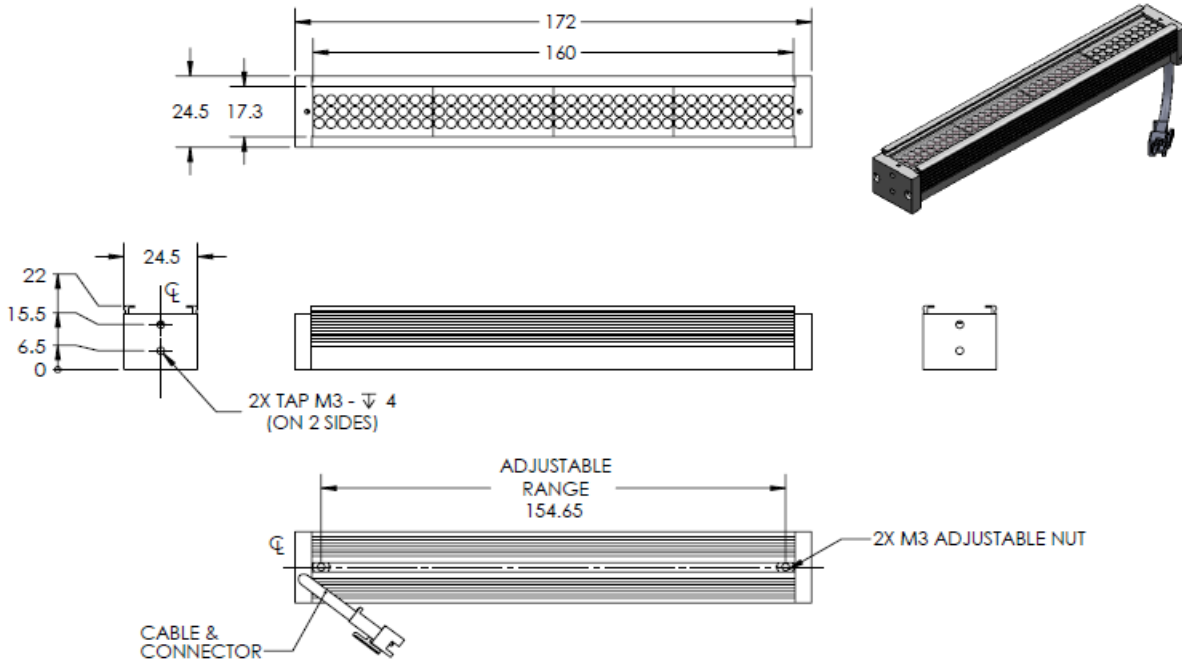




ILLUMINATOR DATA-ID

LBRX-00-160-3-W-12V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	115 g
Length / Outer Diameter	172 mm
Width / Inner Diameter	24.5 mm
Thickness	22 mm



ILLUMINATOR DATA-ID

LBRX-00-160-3-W-12V

Optical Information		LBRX-00-160-3-W-12V								
Part Number		LBRX-00-160-3-W-12V								
LED Color		WHITE								
Wavelength	(nm)	* Refer to the Chromaticity table below								
Intensity	(Lux)	19100	17100	15400						
Working Distance	(mm)	80	90	100						
Illumination (number of row)		3								
Illumination Active Area										
Active Length / Outer Dia.	(mm)	160								
Active Width / Inner Dia.	(mm)	17.3								
Emission angle	(deg.)	0								
Eye Safety Class		EXEMPT								
*CHROMATICITY TABLE										
	X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33
	Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
Electrical Information										
Lighting Supply Voltage (constant voltage mode)		12V ± 2%								
Continuous Current	(mA)	400								
Power Consumption	(W)	4.8								
Lighting casing temperature, Operating after 60 minutes	°C	55.8								
Strobe Mode Specification										
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)	1200								
Max. Trigger Pulse Duration	(msec)	10								
Duty Cycle		0-10%								
Additional Information										
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								
Connection										
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						
										
Application										
Illumination Type		Direct Illumination								
Application Use		General illumination, label inspection, character inspection, code recognition								



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