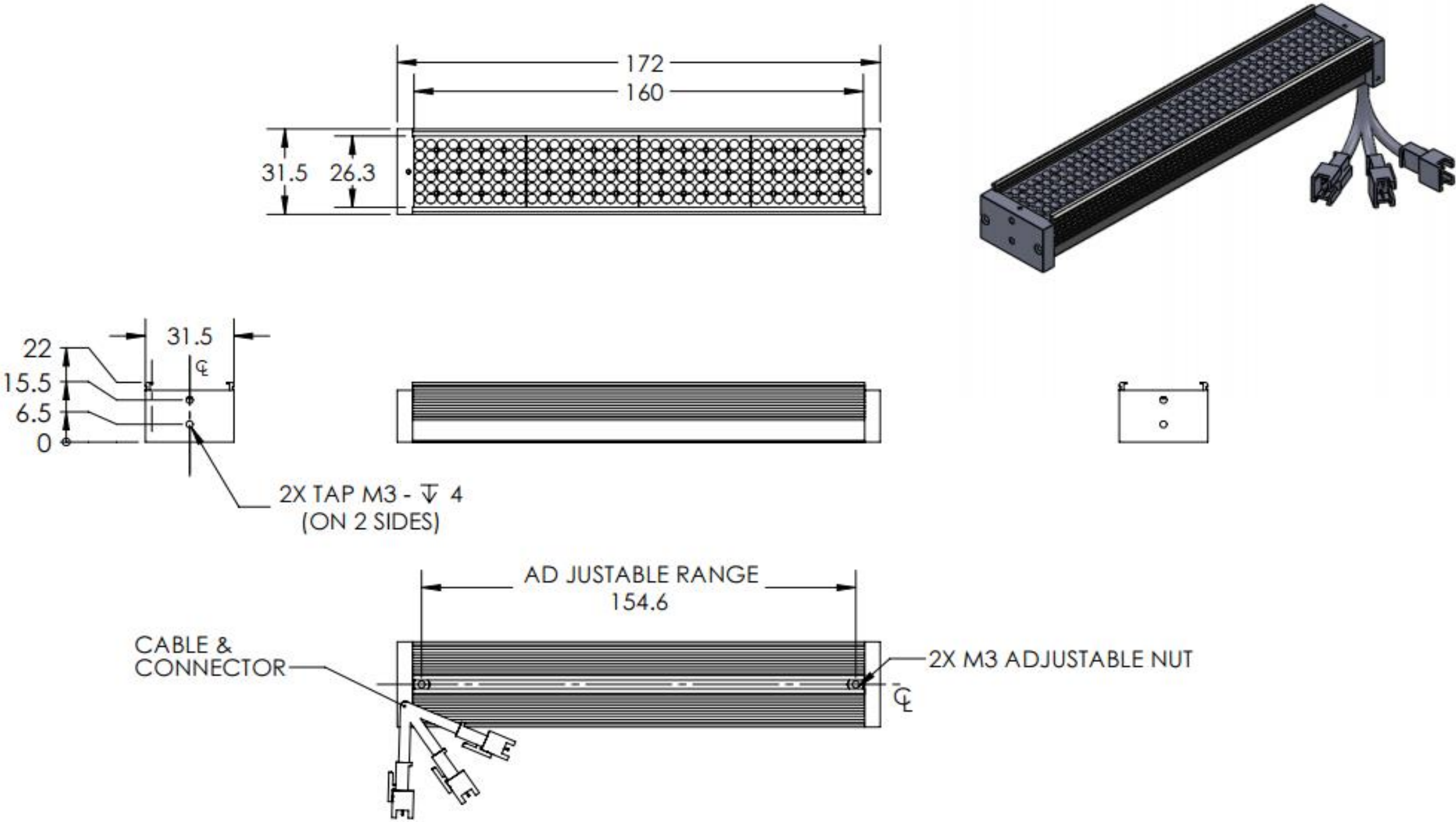




ILLUMINATOR DATA-ID

LBRX-00-160-6-RGB-24V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	170 g
Length / Outer Diameter	172 mm
Width / Inner Diameter	31.5 mm
Thickness / Height	22 mm



ILLUMINATOR DATA-ID

LBRX-00-160-6-RGB-24V

Optical Information										
Part Number		LBRX-00-160-6-RGB-24V								
LED Color		RED			GREEN			BLUE		
Wavelength	(nm)	630			525			470		
Intensity (±15%)	(Lux)	8307	5935.6	4870.6	22791	16770.2	13362.2	25219.2	17948.8	147964
Working Distance	(mm)	100	130	150	100	130	150	100	130	150
Illumination (number of row)		6								
Illumination Active Area										
Active Length / Outer Diameter	(mm)	160								
Active Width / Inner Diameter	(mm)	26.3								
Emission angle	(deg.)	0								
Eye Safety Class (IEC62471)		EXEMPT			EXEMPT			II		
Electrical Information										
Lighting Supply Voltage (constant voltage mode)		24V ± 2%								
Continuous Current	(mA)	RED	320		GREEN	320		BLUE	320	
Power Consumption	(W)		7.68			7.68			7.68	
Lighting casing temperature, Operating after 60 minutes	°C		58.9			58.9			58.9	
Max. continous current of RED, GREEN & BLUE LEDs on at the same time	(mA)	RED, GREEN & BLUE LEDs on at the same time are not recommended								
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)	RED	960		GREEN	960		BLUE	960	
Max. pulse current of RED, GREEN & BLUE LEDs on at the same time	(V)	RED, GREEN & BLUE LEDs on at the same time are not recommended								
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, ST, SD and SDA 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			Cable Color		
		1			LED +			RED		
		2			N.C.			---		
		3			LED -			WHITE		
										
Application										
Illumination Type		Direct Illumination								
Applicattion Use		General illumination, label inspection, character inspection, code recognition.								