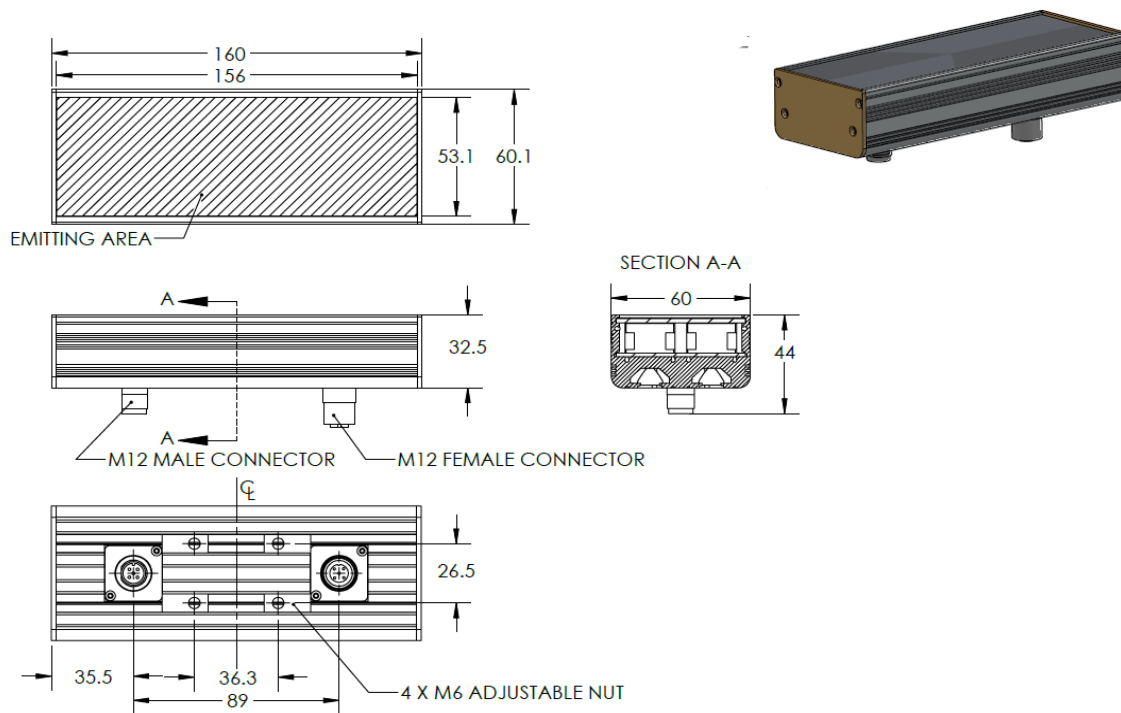


HBL3-00-160-2-R-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	600 g
Length / Outer Diameter	160 mm
Width / Inner Diameter	60.1 mm
Thickness / Height	32.5 mm



ILLUMINATOR DATA

HBL3-00-160-2-R-24V

Optical Information			
Part Number		HBL3-00-160-2-R-24V	
LED Colour		RED	
Wavelength	(nm)	630	
Intensity (±15%)	(Lux)	53300	25000
Working Distance	(mm)	100	200
Illumination (number of rows)		2	
Illumination Active Area			
Active Length	(mm)	156	
Active Width	(mm)	53.1	
Emission Angle	(deg.)	0	
Eye Safety Class (IEC62471)		EXEMPT	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	160	
Power Consumption	(W)	3.84	
Lighting Casing Temperature, Operating after 60 minutes	°C	58.8	
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. 10 msec) (constant current power supply)	(mA)	480	
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, SDA and ST series	
CE Conformity		YES	
RoHS Compliance		YES	
Connection			
Connector Type (default)		M12 5 PIN CONNECTOR (MALE)	
Cable Length (out from lighting)	(mm)	700	
Pin Configuration		Pin	Signal
		1	24V
		2	-
		3	GND
		4	-
		5	-
		Cable Colour	
		BROWN	
		WHITE	
		BLUE	
		BLACK	
		GRAY	
Extension Cable			
Connector Type (default)		M12 5 PIN CONNECTOR (FEMALE)	
Part Number		EXT-FL-M12F-3M-24V	
Cable Length (out from female connector)	(mm)	3000	
Extension Cable (connect to M12 5 Pin Male Connector from lighting)			
Application			
Illumination Type		HIGH INTENSITY BACKLIGHT	
Application Use		High power bar illumination which suitable for application that require high intensity illumination	