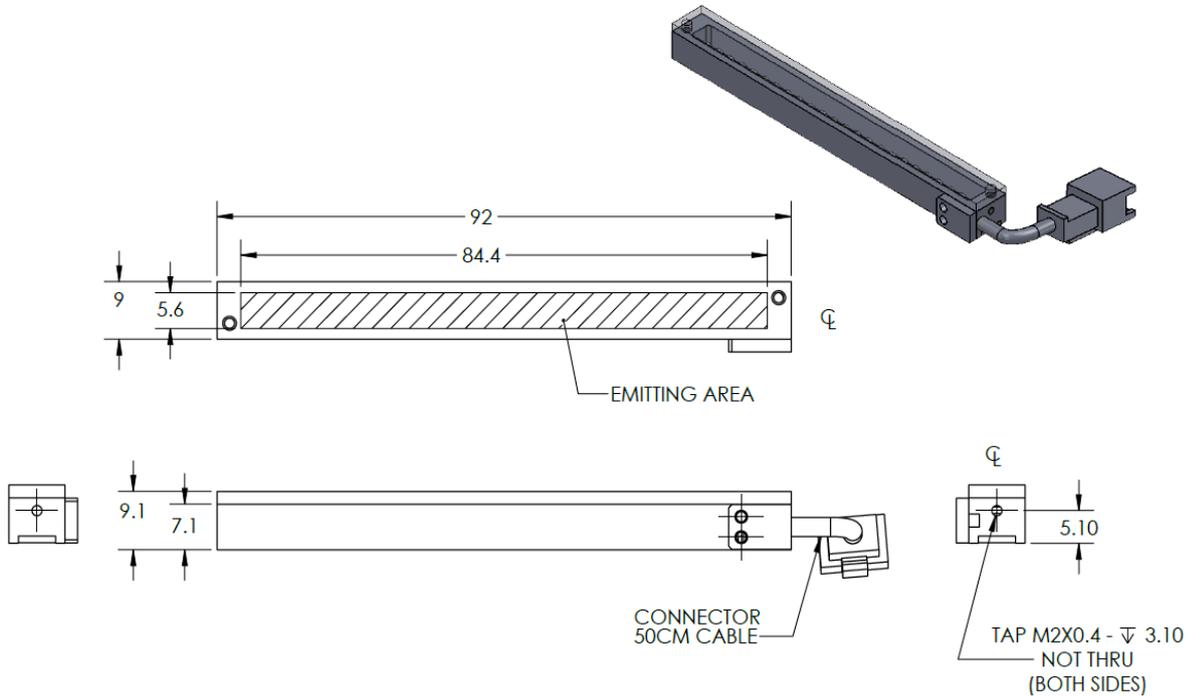




# ILLUMINATOR DATA (ID)

## LBM-00-080-1-R-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	24 g
Length / Outer Diameter	92 mm
Width / Inner Diameter	9 mm
Thickness / Height	9.1 mm



# ILLUMINATOR DATA-ID

## LBM-00-080-1-R-24V

Optical Information				
Part Number		LBM-00-080-1-R-24V		
LED Color		RED		
Wavelength	(nm)	630		
Intensity (±15)	(Lux)	5240	3850	2740
Working Distance	(mm)	10	20	30
Illumination (number of row)		1		
Illumination Active Area				
Active Length / Outer Dia.	(mm)	84.4		
Active Width / Inner Dia.	(mm)	5.6		
Emission angle	(deg.)	0		
Eye Safety Class ( IEC62471 )		EXEMPT		
Electrical Information				
Lighting Supply Voltage (constant voltage mode)		24V ± 2%		
Continuous Current	(mA)	26		
Power Consumption	(W)	0.624		
Lighting casing temperature, Operating after 60 minutes	°C	31.5		
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)	78		
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 & 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		
Application Use		General illumination, label inspection, character inspection, code recognition		



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