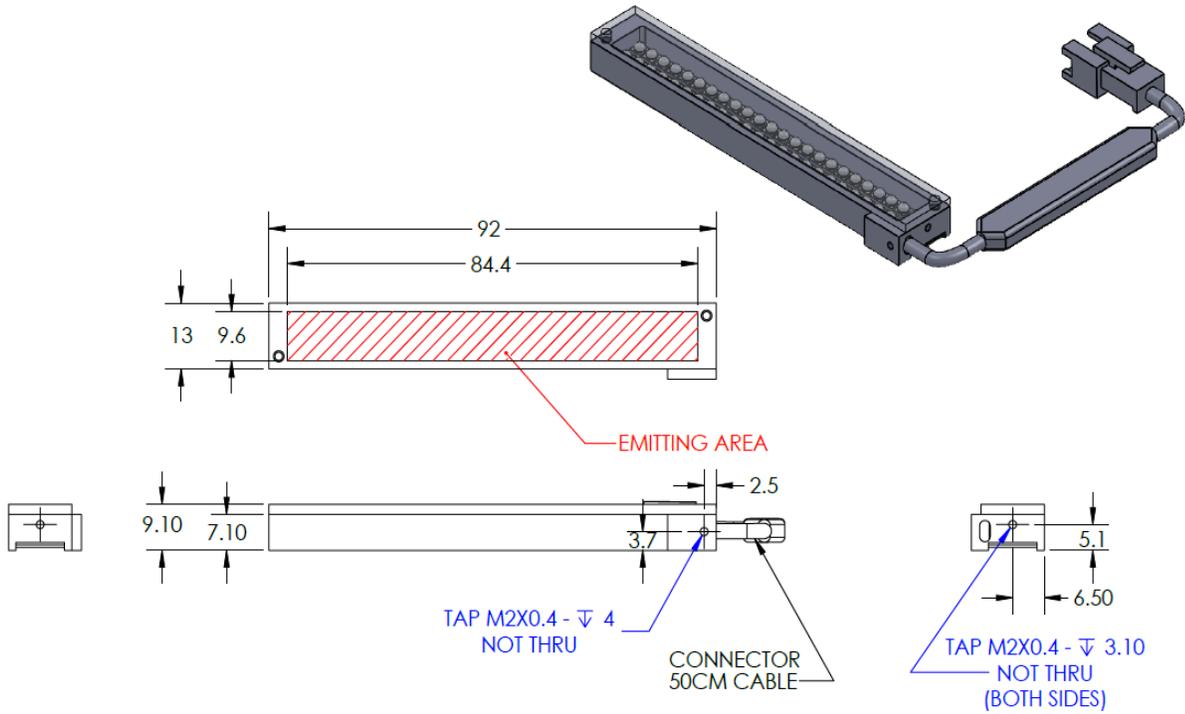




# ILLUMINATOR DATA (ID)

## LBM-00-080-2-G-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	27 g
Length / Outer Diameter	92 mm
Width / Inner Diameter	13 mm
Thickness / Height	9.1 mm



# ILLUMINATOR DATA-

## LBM-00-080-2-G-24V

Optical Information			
Part Number	LBM-00-080-2-G-24V		
LED Color	GREEN		
Wavelength	(nm)	525	
Intensity (±15)	(Lux)	TBA	TBA
Working Distance	(mm)	10	20
Illumination (number of row)		2	
Illumination Active Area			
Active Length / Outer Dia.	(mm)	84.4	
Active Width / Inner Dia.	(mm)	9.6	
Emission angle	(deg.)	0	
Eye Safety Class ( IEC62471 )		EXEMPT	
<b>*CHROMATICITY TABLE</b>			
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	104	
Power Consumption	(W)	2.496	
Lighting casing temperature, Operating after 60 minutes	°C	49.4	
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)	312	
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
		1	LED +
		2	N.C.
		3	LED -
			Cable Color
			RED
			---
			WHITE
			
Application			
Illumination Type		Direct Illumination	
Application Use		General illumination, label inspection, character inspection, code recognition	



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