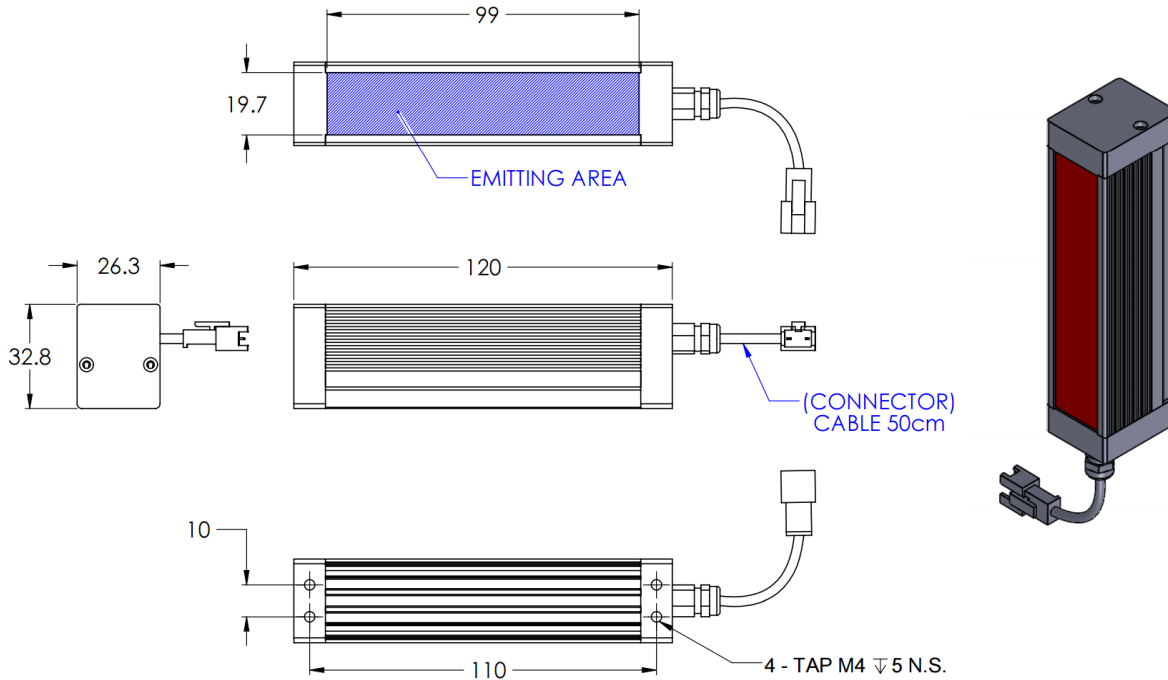




# ILLUMINATOR DATA-ID

## LBL3-00-100-X-R-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	150 g
Length / Outer Diameter	120 mm
Width / Inner Diameter	26.3 mm
Thickness / Height	32.8 mm



# ILLUMINATOR DATA-ID

## LBL3-00-100-X-R-24V

Optical Information			
Part Number		LBL3-00-100-X-R-24V	
LED Color		RED	
Wavelength	(nm)	630	
Intensity (±15%)	(Lux)	TBA	TBA
Working Distance	(mm)	10	30
Illumination (number of row)		3	
Illumination Active Area			
Active Length / Outer Diameter	(mm)	99	
Active Width / Inner Diameter	(mm)	19.7	
Emission angle	(deg.)	0	
Eye Safety Class ( IEC62471 )		EXEMPT	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	90	
Power Consumption	(W)	2.16	
Lighting casing temperature, Operating after 60 minutes	°C	TBA	
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)	270	
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
		1	LED +
		2	N.C.
		3	LED -
			Cable Color
			RED
			---
			WHITE
			
Application			
Illumination Type		Direct Illumination	
Appication Use		General illumination, label inspection, character inspection, code recognition.	



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