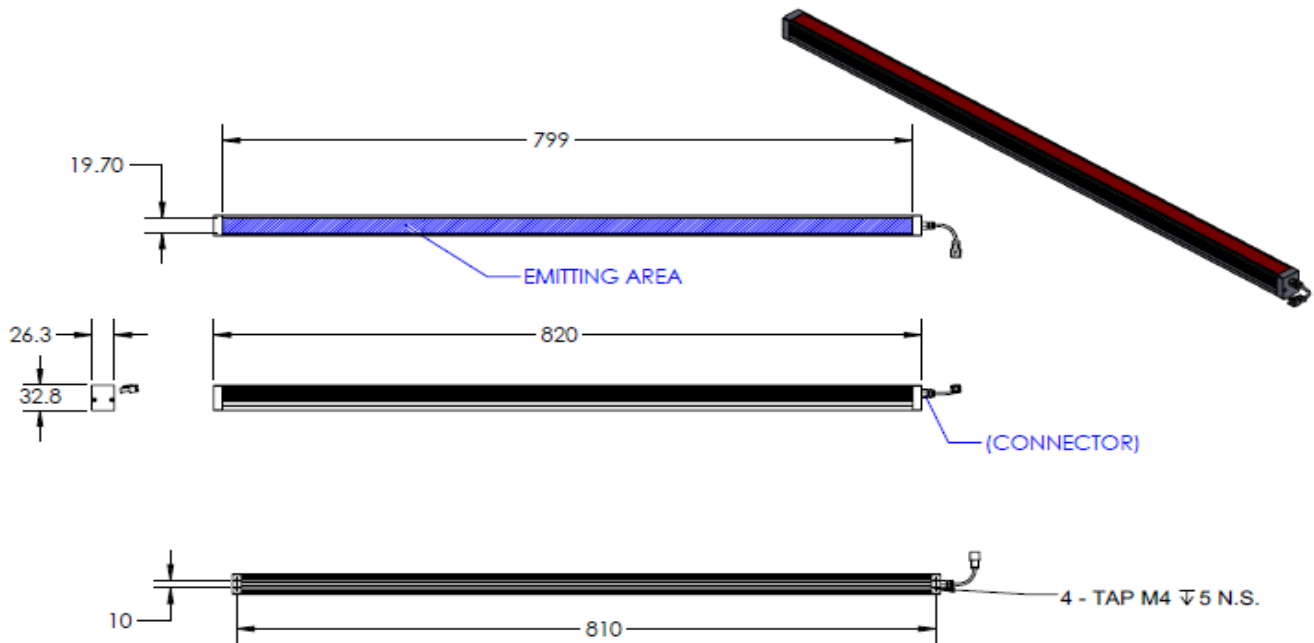




# ILLUMINATOR DATA - ID

## LBL3-00-800-X-W-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	780 g
Length / Outer Diameter	820 mm
Width / Inner Diameter	26.3 mm
Thickness	32.8 mm



# ILLUMINATOR DATA - ID

## LBL3-00-800-X-W-24V

Optical Information									
Part Number		LBL3-00-800-X-W-24V							
LED Color		WHITE							
Wavelength	(nm)	* Refer to the Chromaticity table below							
Intensity ( $\pm 15\%$ )	(Lux)	23904	20016	16920					
Working Distance	(mm)	10	20	30					
Illumination (number of row)		X							
Illumination Active Area									
Active Length / Outer Dia.	(mm)	799							
Active Width / Inner Dia.		19.7							
Emission angle	(deg.)	0							
Eye Safety Class ( IEC62471 )		EXEMPT							
<b>*CHROMATICITY TABLE</b>									
X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33
Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
Electrical Information									
Lighting Supply Voltage (constant voltage mode)		24V $\pm$ 2%							
Continuous Current	(mA)	1200							
Power Consumption	(W)	28.8							
Lighting casing temperature, Operating after 60 minutes	°C	58							
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)	3600							
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		ANGX, 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		Backlight Illumination							
Application Use		Lead frame inspection, shape recognition, size measurement.							



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