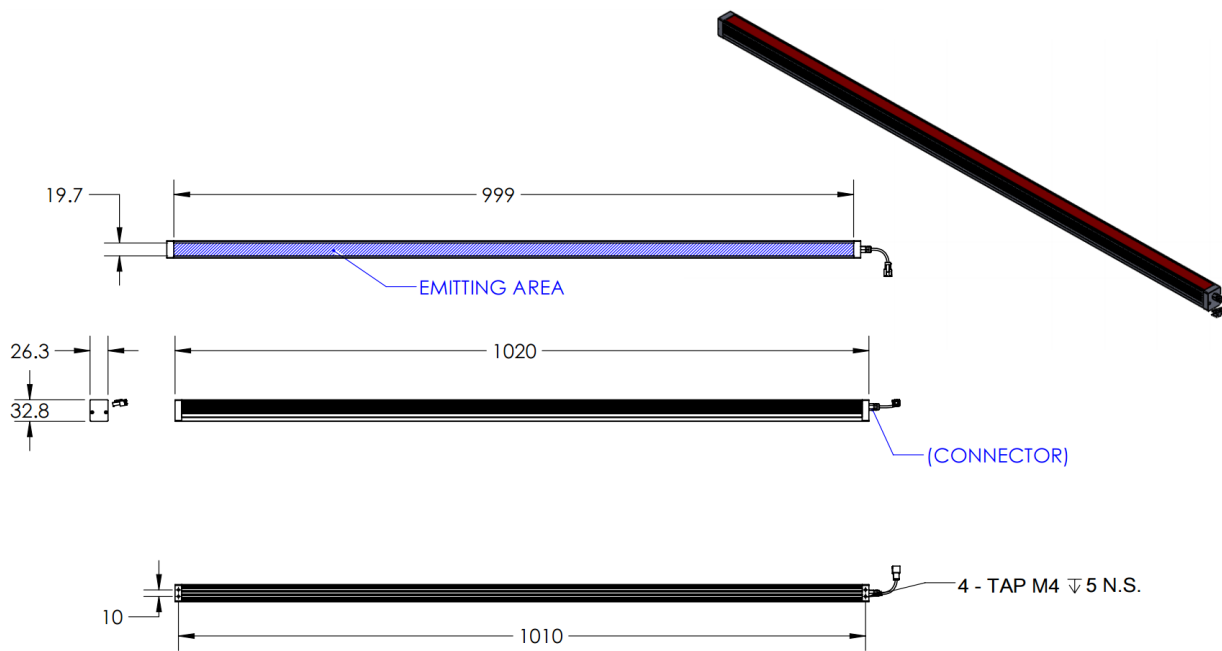




# ILLUMINATOR DATA-ID

## LBL3-00-1000-3-W-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	926 g
Length / Outer Diameter	1020 mm
Width / Inner Diameter	26.3 mm
Thickness / Height	32.8 mm



# ILLUMINATOR DATA-ID

## LBL3-00-1000-3-W-24V

Optical Information																					
Part Number	LBL3-00-1000-3-W-24V																				
LED Color	WHITE																				
Wavelength	(nm) * Refer to the Chromaticity Table Below																				
Intensity (±15%)	(Lux)																				
Working Distance	(mm) 10 20 30																				
Illumination (number of row)	3																				
Illumination Active Area																					
Active Length / Outer Diameter	(mm) 999																				
Active Width / Inner Diameter	(mm) 19.7																				
Emission angle	(deg.) 0																				
Eye Safety Class ( IEC62471 )	EXEMPT																				
*CHROMATICITY TABLE																					
	<table border="1"> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> </tr> <tr> <td>Y</td> <td>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> </tr> </table> <table border="1"> <tr> <td>X</td> <td>0.311</td> <td>0.307</td> <td>0.33</td> <td>0.33</td> </tr> <tr> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> </tr> </table>	X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
X	0.296	0.287	0.307	0.311																	
Y	0.276	0.295	0.315	0.294																	
X	0.311	0.307	0.33	0.33																	
Y	0.294	0.315	0.339	0.318																	
Electrical Information																					
Lighting Supply Voltage (constant voltage mode)	24V ± 2%																				
Continuous Current	(mA) 1500																				
Power Consumption	(W) 36																				
Lighting casing temperature, Operating after 60 minutes	°C																				
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) 4500																				
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																				
Applicattion Use	General illumination, label inspection, character inspection, code recognition.																				



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