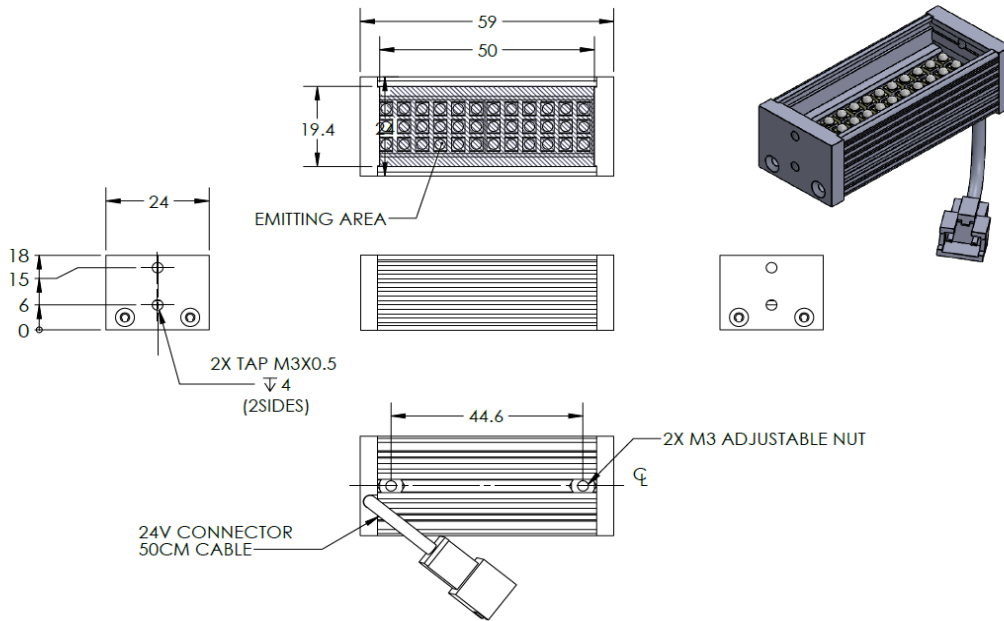




# ILLUMINATOR DATA (ID)

## LBS25-00-050-3-W-24V

### Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	40 g
Length / Outer Diameter	59 mm
Width / Inner Diameter	24 mm
Thickness / Height	18 mm



# ILLUMINATOR DATA (ID)

## LBS25-00-050-3-W-24V

Optical Information		LBS25-00-050-3-W-24V																										
Part Number		LBS25-00-050-3-W-24V																										
LED Color		WHITE																										
Wavelength	(nm)	*Refer to the Chromaticity Table below																										
Intensity (±15)	(Lux)	18500	15600	13300																								
Working Distance	(mm)	80	90	100																								
Illumination (number of row)		3																										
Illumination Active Area																												
Active Length / Outer Dia.	(mm)	50																										
Active Width / Inner Dia.	(mm)	19.4																										
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> <td></td> <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>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td></td> <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		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
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 ± 2%																										
Continuous Current	(mA)	90																										
Power Consumption	(W)	2.16																										
Lighting casing temperature, Operating after 60 minutes	°C	55.4																										
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)	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 & 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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