LBRX-00-080-6-IR850-24V

Lighting Dimension
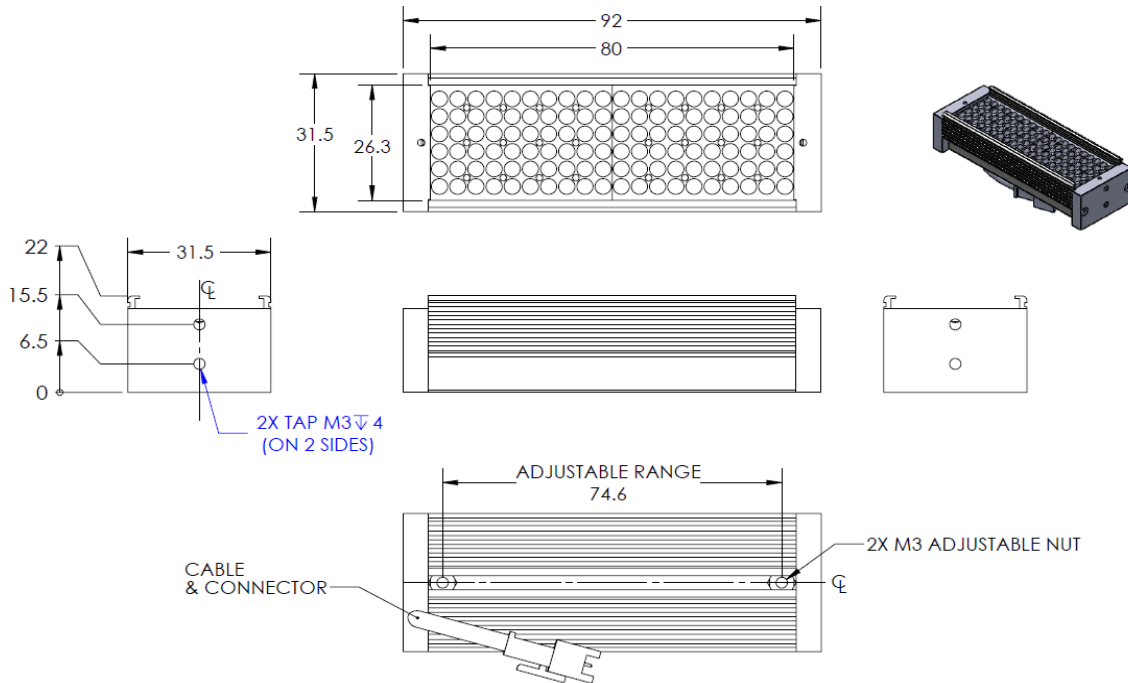
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	100
Length / Outer Diameter	92
Width / Inner Diameter	31.5
Thickness / Height	22

LBRX-00-080-6-IR850-24V

Optical Information		
Part Number		LBRX-00-080-6-IR850-24V
LED Color		IR
Wavelength	(nm)	850
Intensity (±15%)	(Lux)	NA
Working Distance	(mm)	NA
Illumination (number of row)		6
Illumination Active Area		
Active Length / Outer Diameter	(mm)	80
Active Width / Inner Diameter	(mm)	26.3
Emission angle	(deg.)	0
Eye Safety Class (IEC62471)		EXEMPT

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	144
Power Consumption	(W)	3.46
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)	432
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	Cable Color
		1	LED +	RED
		2	N.C.	---
		3	LED -	WHITE

Application	
Illumination Type	IR Illumination
Applicattion Use	General illumination, label inspection, character illumination, code recognition

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