ILLUMINATOR DATA-ID

MLBX2-00-120-2-B-24V

Lighting Dimension

2X TAP M3X0.5 - ∇ 4
NOT THRU
(ON 2 SIDES)

31.5
26
120
132
22.4
18.7
6.5
0
26.6

ADJUSTABLE RANGE 114.6
2X M3 ADJUSTABLE NUT

CABLE & CONNECTOR

RoHS COMPLIANT CE
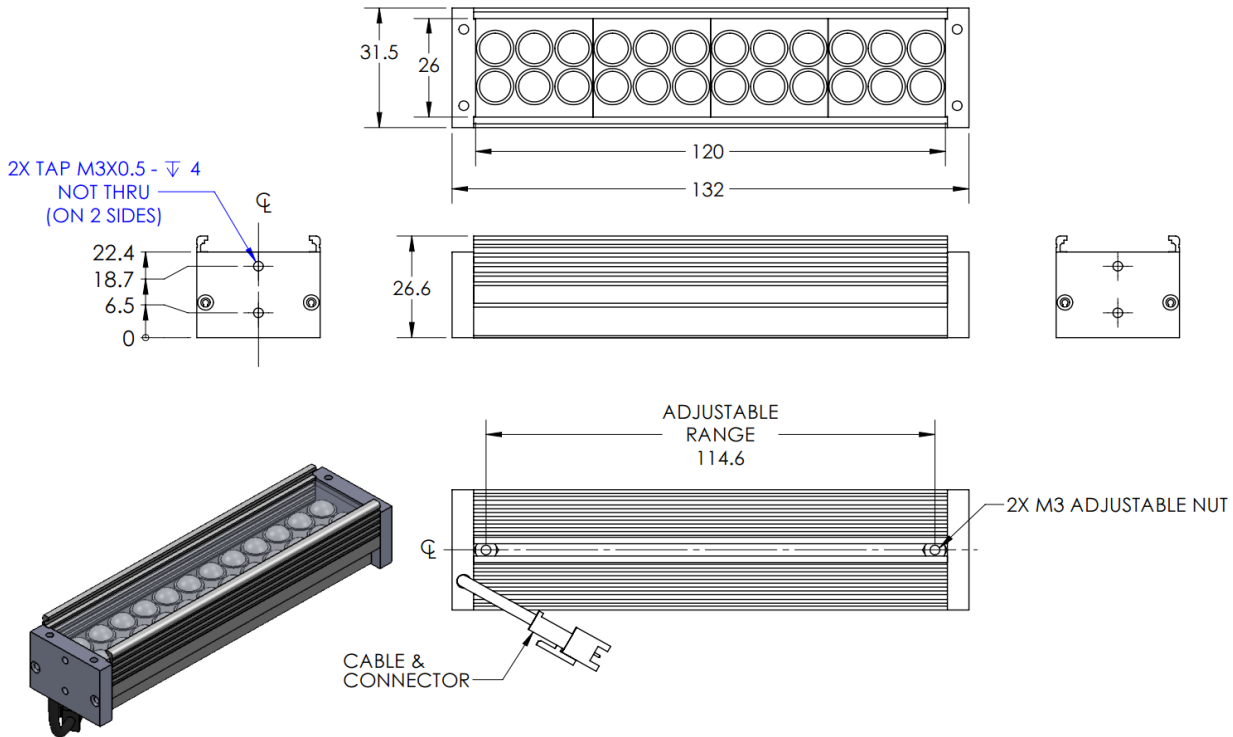
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	118 g
Length / Outer Diameter	132 mm
Width / Inner Diameter	31.5 mm
Thickness / Height	26.6 mm

ILLUMINATOR DATA-ID

MLBX2-00-120-2-B-24V

Optical Information				
Part Number		MLBX2-00-120-2-B-24V		
LED Color		GREEN		
Wavelength	(nm)	540		
Intensity (±15%)	(Lux)	27477	13021.4	7341.4
Working Distance	(mm)	50	100	150
Illumination (number of row)		2		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	120		
Active Width / Inner Diameter	(mm)	26		
Emission angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	192
Power Consumption	(W)	4.61
Lighting casing temperature, Operating after 60 minutes	°C	33.3

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)	576
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		Direct Illumination
Applicattion Use		General illumination, label inspection, character inspection, code recognition.

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