MLBX2-00-120-2-RGB-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 & 3X CONNECTOR

RoHS COMPLIANT   C E
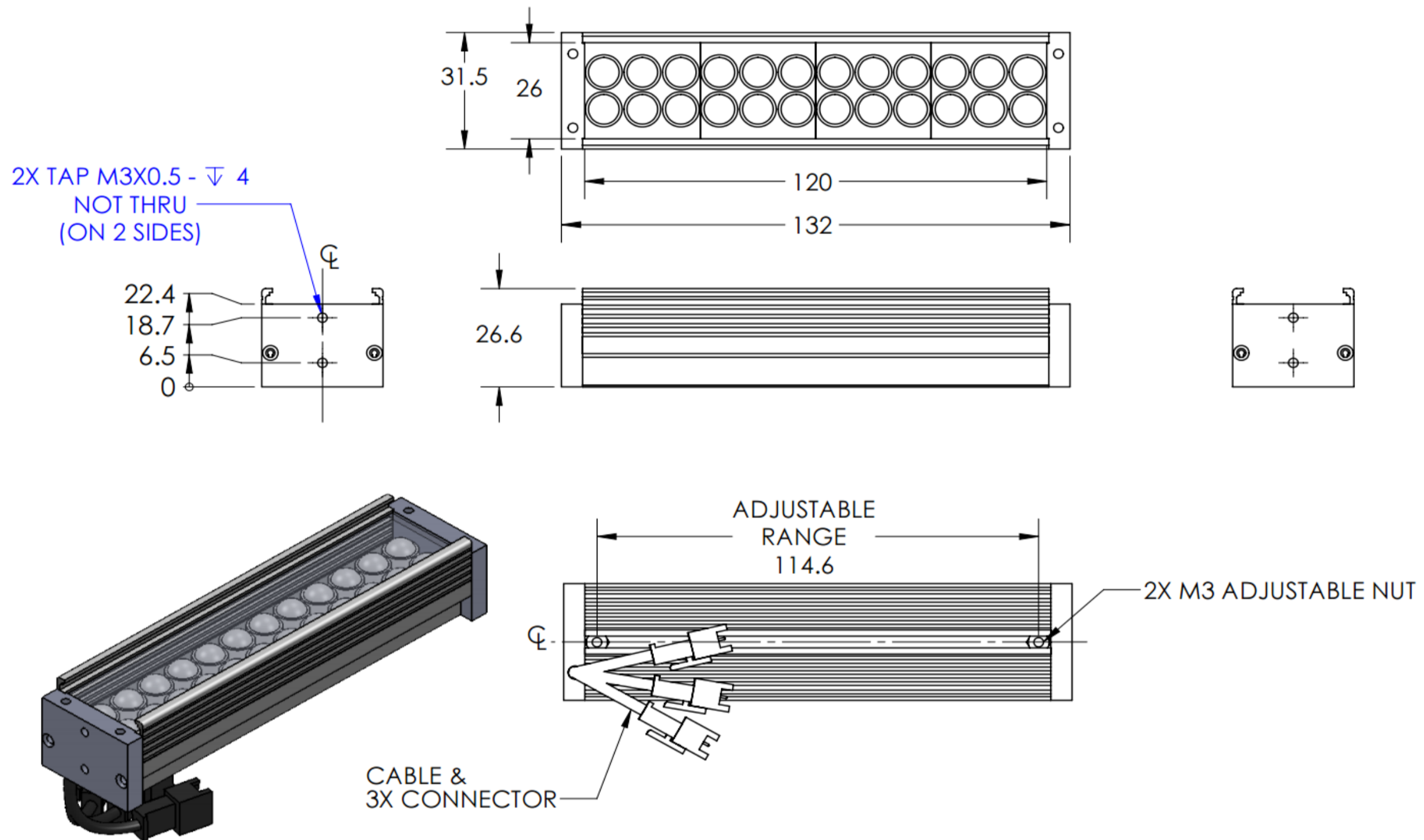
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	140 g
Length / Outer Diameter	132 mm
Width / Inner Diameter	31.5 mm
Thickness / Height	26.6 mm

MLBX2-00-120-2-RGB-24V

Optical Information

Part Number		MLBX2-00-120-2-RGB-24V							
LED Color		RED			GREEN			BLUE		
Wavelength	(nm)	630			525			470		
Intensity (±15%)	(Lux)	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
Working Distance	(mm)	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
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			EXEMPT			II		

Electrical Information

Lighting Supply Voltage (constant voltage mode)		24V ± 2%					
Continuous Current	(mA)		100		80		80
Power Consumption	(W)	RED	2.4	GREEN	1.92	BLUE	1.92
Lighting casing temperature, Operating after 60 minutes	°C		51.5		51.5		51.5
Max. continous current of RED, GREEN & BLUE LEDs on at the same time	(mA)	RED, GREEN & BLUE LEDs on at the same time are not recommended					

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)	RED	300	GREEN	240	BLUE	240
Max. pulse current of RED, GREEN & BLUE LEDs on at the same time	(V)	RED, GREEN & BLUE LEDs on at the same time are not recommended					
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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