MLBX2-00-060-2-RGB-24V

Lighting Dimension
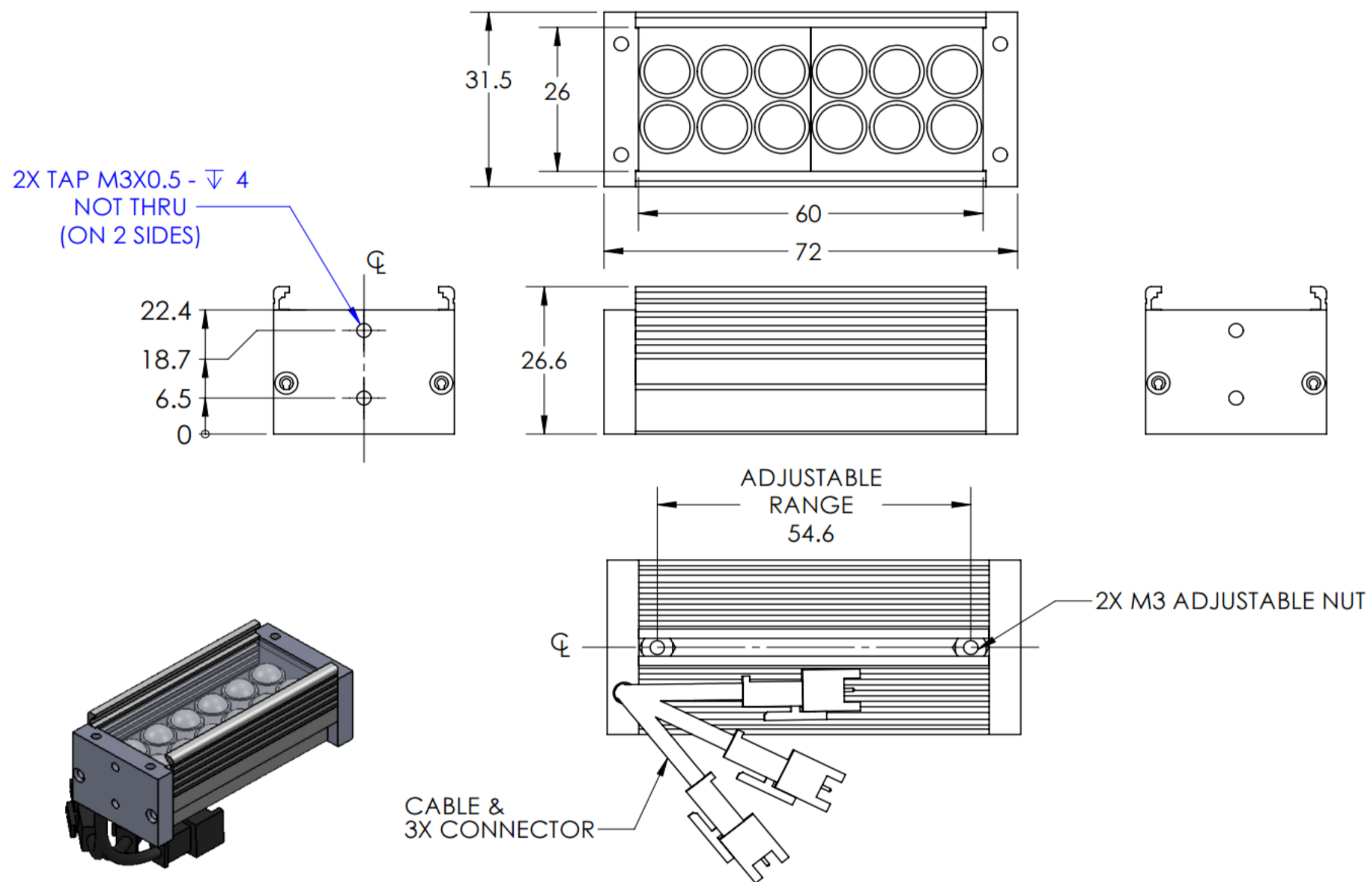
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	90 g
Length / Outer Diameter	72 mm
Width / Inner Diameter	31.5 mm
Thickness / Height	26.6 mm

MLBX2-00-060-2-RGB-24V

Optical Information

Part Number		MLBX2-00-060-2-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)	60							
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)	RED	50	GREEN	40	BLUE	40
Power Consumption	(W)		1.2		0.96		0.96
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	150	GREEN	120	BLUE	120
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.

VISION CONSULTANCY
MAKING THE UNSEEN VISIBLE

Thank you for downloading this document from
www.machine-vision-shop.com

If you have any questions, you need help composing the
right package for your application or do you want to order?

Feel free to contact us via e-mail at sales@vision-
consultancy.nl or visit our webshop.

Our vision experts are happy to help you.

Natascha Overhof

Christian Crompvoets

VISION CONSULTANCY

Robert Schumandomein 2
6229 ES Maastricht
The Netherlands

+31 (0) 438 522 651

sales@vision-consultancy.nl
www.machine-vision-shop.com

Scan me to visit
machine-vision-shop