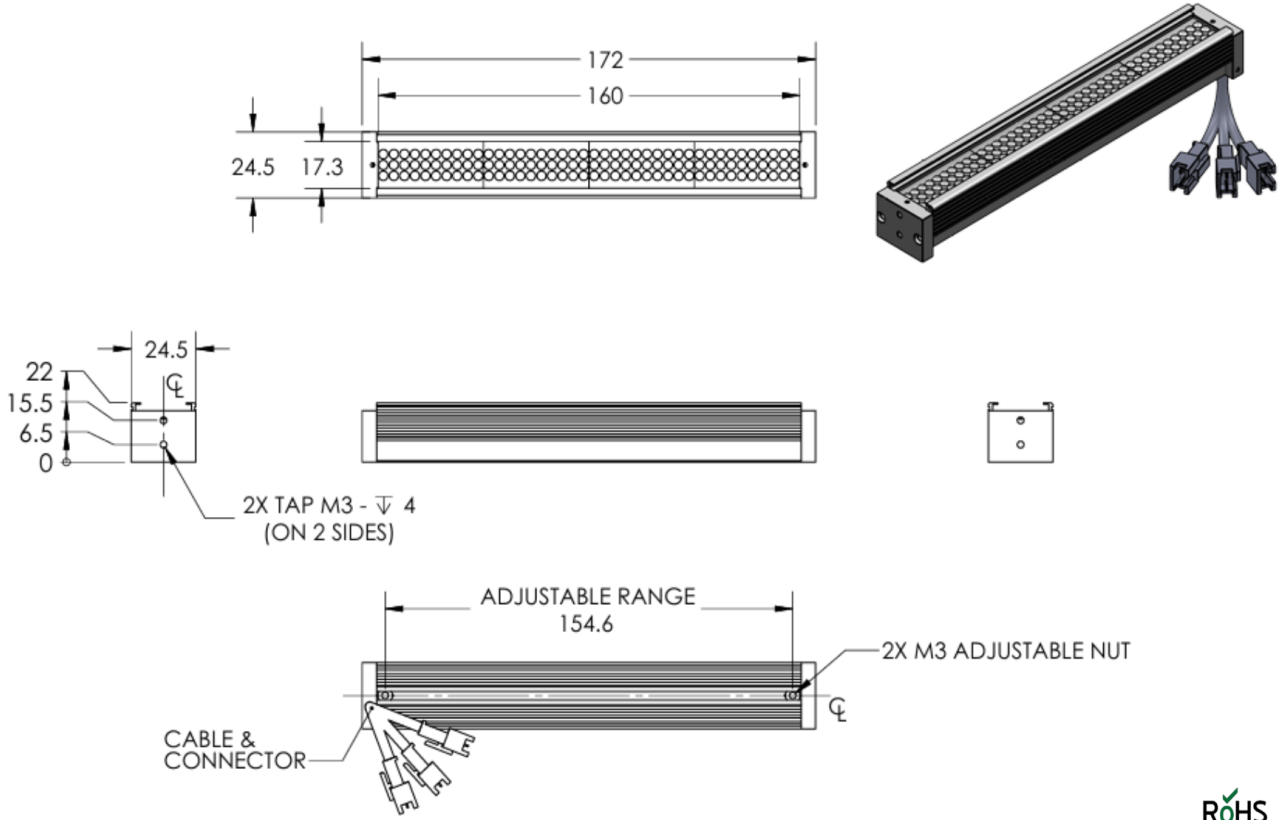


ILLUMINATOR DATA

LTZPFL160-00-3-RGB-24V

Lighting Dimension

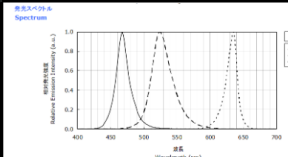
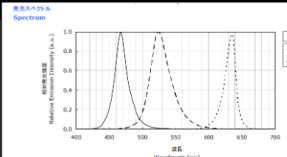
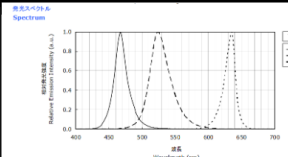
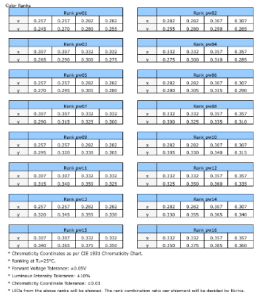
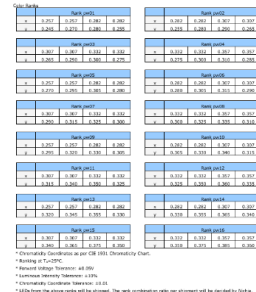
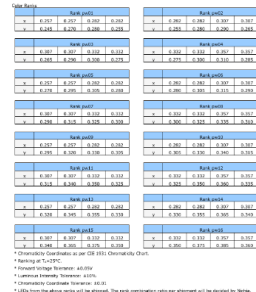


Mechanical Information

Casing Material	Aluminum Extrusion, Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	150g
Width / Inner Diameter	24.5mm
Length / Outer Diameter	172mm
Height / Thickness	22mm

ILLUMINATOR DATA

LTZPFL160-00-3-RGB-24V


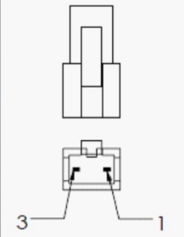
Lighting Information									
LED Color	RED			GREEN			BLUE		
Wavelength	 <p>635 nm</p>			 <p>525 nm nm</p>			 <p>465 nm</p>		
Working Distance	80mm	90mm	100mm	80mm	90mm	100mm	80mm	90mm	100mm
Intensity (±15%)	16300lx	11300lx	8300lx	26200lx	18500lx	13600lx	32500lx	22200lx	16800lx
Illumination (Number of Row)	3			3			3		
Illumination Active Area	Active Outer Diameter			160					
	Active Inner Diameter			17.3					
Emission Angle	0°			0°			0°		
Eye Safety Class (IEC62471)	EXEMPT			EXEMPT			EXEMPT		
	<p>Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard.</p>			<p>Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard.</p>			<p>Products with sources, which do not pose any potential photobiological hazard even for the continuous and unrestricted exposure. Example: 8 hours of exposure poses no acute hazard to either eye or skin, and 10,000 seconds (2.8 hours) of the intent starting causes no blue light retinal hazard.</p>		
Chromaticity Table For White Colour Only									

Electrical Information			
Rated Voltage	24V _(Min) - 24V _(Max)		
Rated Current	300mA	300mA	300mA
Power Consumption	7.200W	7.200W	7.200W
Casing Temperature, After 60 minutes operation	60°C		

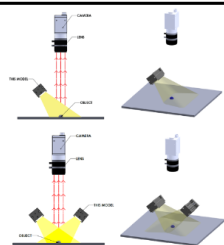
Strobe Mode Specification						
*Normal Strobe Voltage	24V					
*Normal Strobe Current	300mA		300mA		300mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 600mA	Max: 899mA	Min: 899mA	Max: 1500mA	Min: 899mA	Max: 1500mA
Recommended Overdrive Voltage	36V		36V		36V	
**Max. Trigger Pulse Duration	10%					
**Max. Duty Cycle	10msec					

ILLUMINATOR DATA

LTZPFL160-00-3-RGB-24V

Connection Information									
Connector Type	JST SMR-03V-B								
Cable Length	500mm								
Pin Configuration 	Pin	Signal	Cable Color						
	1	24V	RED						
	2	-	-						
	3	GND	WHITE / BLACK						
			 <table border="1" data-bbox="925 862 1109 952"> <tr> <td>PIN 1</td> <td>24V</td> </tr> <tr> <td>PIN 2</td> <td>-</td> </tr> <tr> <td>PIN 3</td> <td>GND</td> </tr> </table>		PIN 1	24V	PIN 2	-	PIN 3
PIN 1	24V								
PIN 2	-								
PIN 3	GND								

Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	LTIC series
CE Conformity	YES
RoHS Compliance	YES

Application	
Illumination Type	Direct, Rectangular SMD Illumination (for short working distance)
Application Use	<ul style="list-style-type: none"> • General Illumination • Code Recognition • Character Inspection • Label Inspection 

ILLUMINATOR DATA

LTZPFL160-00-3-RGB-24V

Lighting Pattern				
Working Distance	For further details, please contact us			
Display and Image	For further details, please contact us			
Data Results	Horizontal	Meas. (mm)	Vertical	Meas. (mm)
	90%	N.A.	90%	N.A.
	90%	N.A.	90%	N.A.
	80%	N.A.	80%	N.A.
	70%	N.A.	70%	N.A.
	60%	N.A.	60%	N.A.
	50%	N.A.	50%	N.A.
	40%	N.A.	40%	N.A.
	30%	N.A.	30%	N.A.
	20%	N.A.	20%	N.A.
10%	N.A.	10%	N.A.	