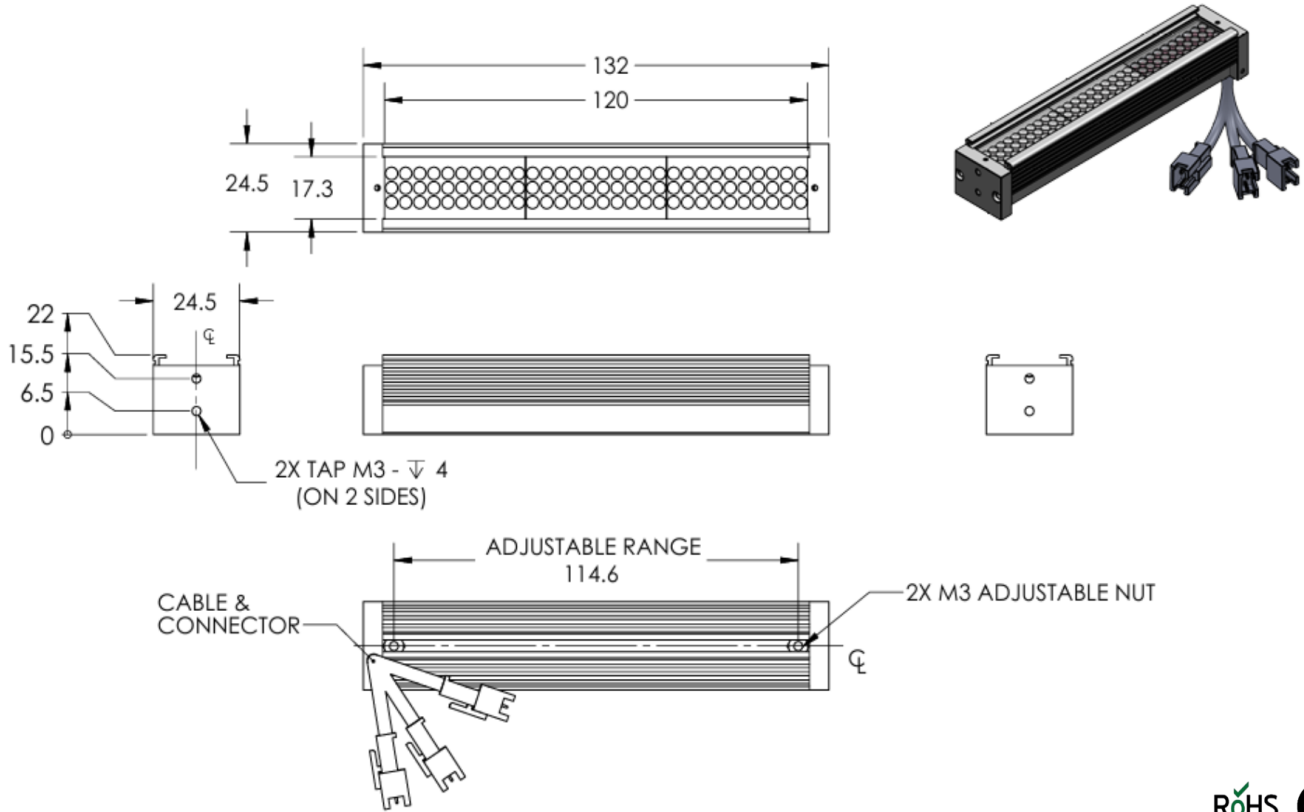


# ILLUMINATOR DATA

## LTZPFL120-00-3-RGB-24V

### Lighting Dimension

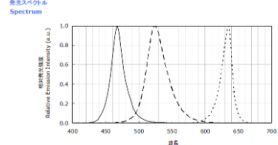
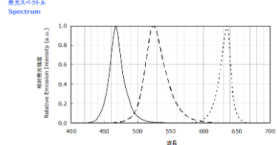
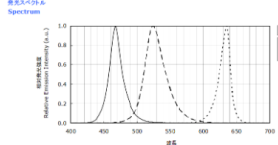
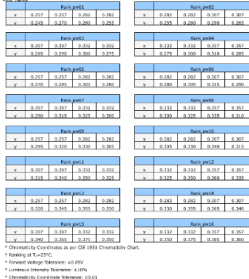
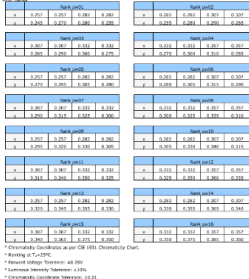
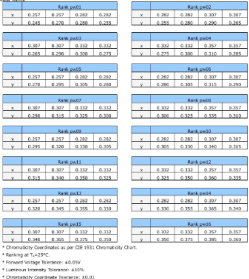


### Mechanical Information

Casing Material	Aluminum Extrusion, Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	90g
Width / Inner Diameter	24.5mm
Length / Outer Diameter	132mm
Height / Thickness	22mm

# ILLUMINATOR DATA

## LTZPFL120-00-3-RGB-24V


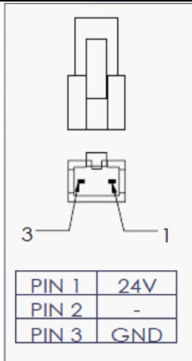
Lighting Information									
LED Color	RED			GREEN			BLUE		
Wavelength	 <p>635 nm</p>			 <p>525 nm</p>			 <p>465 nm</p>		
Working Distance	80mm	90mm	100mm	80mm	90mm	100mm	80mm	90mm	100mm
Intensity (±15%)	7597lx	6078lx	4956lx	1337lx	10977lx	8875lx	8548lx	5964lx	5751lx
Illumination (Number of Row)	3			3			3		
Illumination Active Area	Active Outer Diameter			120					
	Active Inner Diameter			17.3					
Emission Angle	0°			0°			0°		
Eye Safety Class (IEC62471)	EXEMPT			EXEMPT			EXEMPT		
	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.			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.			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.		
Chromaticity Table For White Colour Only									

Electrical Information			
Rated Voltage	24V <sub>(Min)</sub> - 24V <sub>(Max)</sub>		
Rated Current	225mA	225mA	225mA
Power Consumption	5.400W	5.400W	5.400W
Casing Temperature, After 60 minutes operation	60°C		

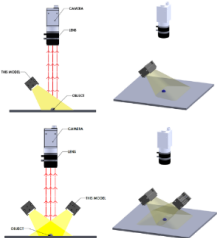
Strobe Mode Specification						
*Normal Strobe Voltage	24V					
*Normal Strobe Current	225mA		225mA		225mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 449mA	Max: 674mA	Min: 674mA	Max: 1125mA	Min: 674mA	Max: 1125mA
Recommended Overdrive Voltage	36V		36V		36V	
**Max. Trigger Pulse Duration	10%					
**Max. Duty Cycle	10msec					

# ILLUMINATOR DATA

## LTZPFL120-00-3-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					
	<div></div> <div><table><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></div>			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"> <li>• General Illumination</li> <li>• Code Recognition</li> <li>• Character Inspection</li> <li>• Label Inspection</li> </ul> 

# ILLUMINATOR DATA

## LTZPFL120-00-3-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.