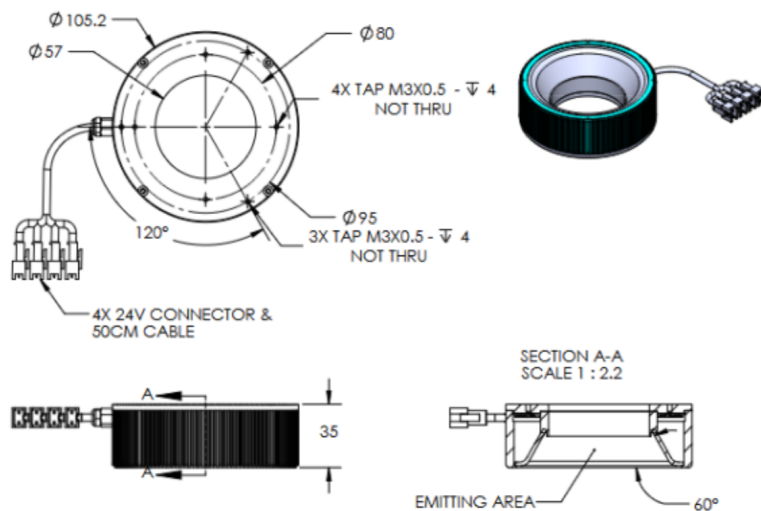


## LT3RZF100-60-1-RGBW-24V

### Lighting Dimension

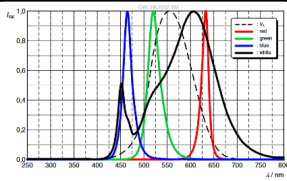
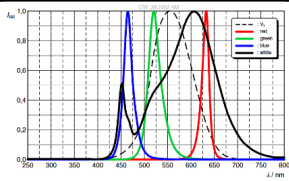
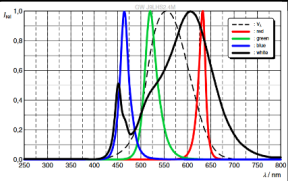
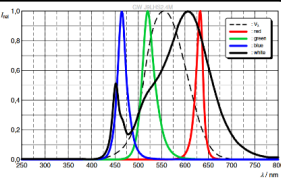


### Mechanical Information

Casing Material	Aluminium, Aluminum Extrusion
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	-g
Width / Inner Diameter	57mm
Length / Outer Diameter	105.2mm
Height / Thickness	35mm

# ILLUMINATOR DATA

## LT3RZF100-60-1-RGBW-24V

Lighting Information												
LED Color	RED			GREEN			BLUE			WHITE		
Wavelength	 619 nm - 624 nm			 520 nm - 535 nm			 460 nm - 475 nm			 5700 k		
Working Distance	50mm	100m m	190m m	50mm	100m m	190m m	50mm	100m m	190m m	50mm	100m m	190m m
Intensity (±15%)	4373lx   4828lx   5140lx			19227l x	21556l x	22337l x	19227l x	21556l x	22337l x	19227l x	21556l x	22337l x
Illumination (Number of Row)	1			1			1			1		
Illumination Active Area	Active Outer Diameter			95								
	Active Inner Diameter			46								
Emission Angle	0°			0°			0°			0°		
Eye Safety Class (IEC62471)	EXEMPT			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.			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	120mA	120mA	120mA	120mA
Power Consumption	2.880W	2.880W	2.880W	2.880W
Casing Temperature, After 60 minutes operation	60°C			


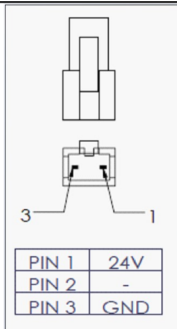
Strobe Mode Specification								
*Normal Strobe Voltage	24V							
*Normal Strobe Current	120mA		120mA		120mA		120mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 243mA	Max: 366mA	Min: 280mA	Max: 440mA	Min: 320mA	Max: 520mA	Min: 320mA	Max: 520mA
Recommended Overdrive Voltage	36V		36V		36V		36V	
**Max. Trigger Pulse Duration	10%							
**Max. Duty Cycle	10msec							

\*Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

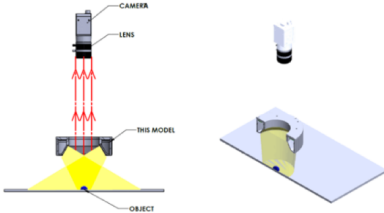
\*\*Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

# ILLUMINATOR DATA

## LT3RZF100-60-1-RGBW-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><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	Diffused, Angular Ring Illumination
Application Use	<ul style="list-style-type: none"> <li>Character Recognition on Shining Surface</li> <li>Lead Inspection</li> </ul> 

# ILLUMINATOR DATA

## LT3RZF100-60-1-RGBW-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.