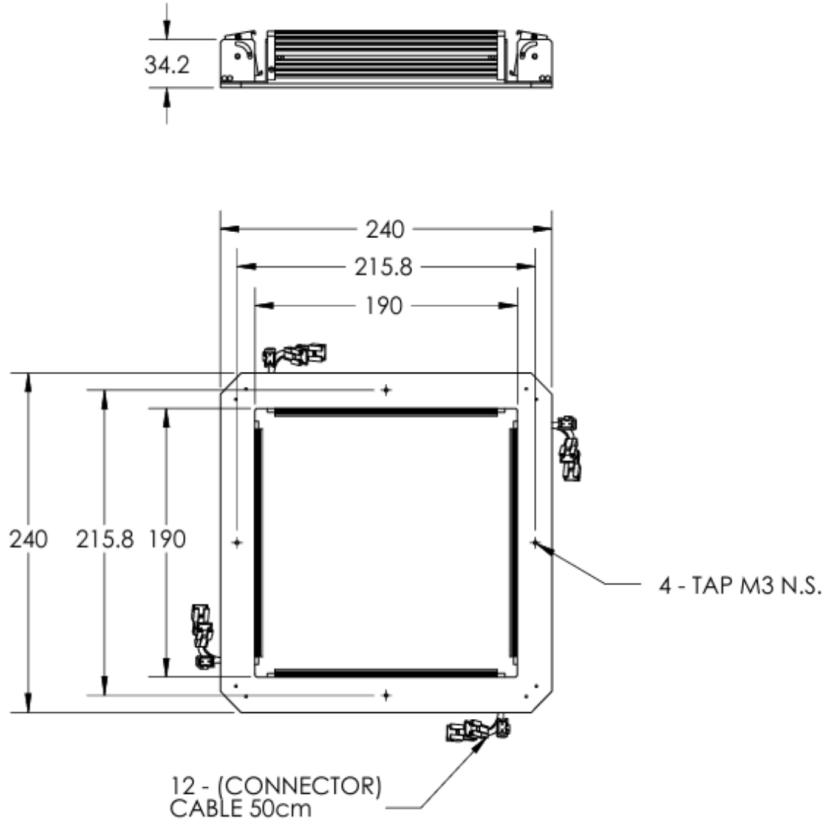


# ILLUMINATOR DATA

## LTZPFE160-00-6-RGB-24V

### Lighting Dimension

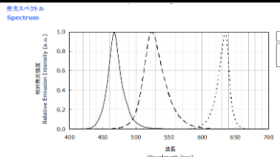
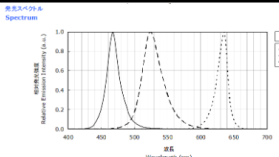
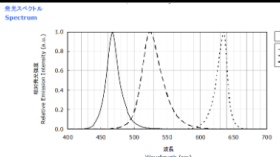
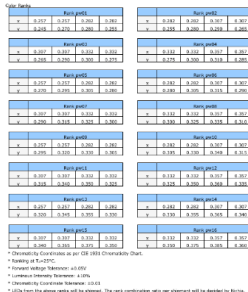
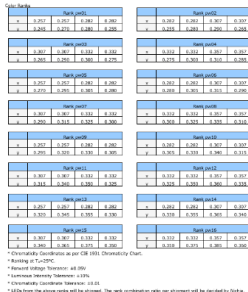
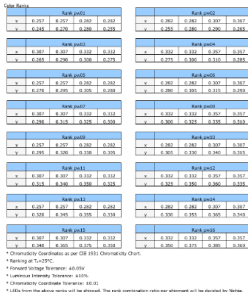


### Mechanical Information

Casing Material	Aluminium, Aluminum Extrusion
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	800g
Width / Inner Diameter	240mm
Length / Outer Diameter	240mm
Height / Thickness	34.2mm

# ILLUMINATOR DATA

## LTZPFE160-00-6-RGB-24V

Lighting Information									
LED Color	RED			GREEN			BLUE		
Wavelength	 <p>635 nm</p>			 <p>525 nm</p>			 <p>465 nm</p>		
Working Distance	302mm	313mm	324mm	302mm	313mm	324mm	302mm	313mm	324mm
Intensity (±15%)	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
Illumination (Number of Row)	6			6			6		
Illumination Active Area	Active Outer Diameter			240					
	Active Inner Diameter			190					
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	1600mA	1280mA	1440mA
Power Consumption	38.400W	30.720W	34.560W
Casing Temperature, After 60 minutes operation	60°C		

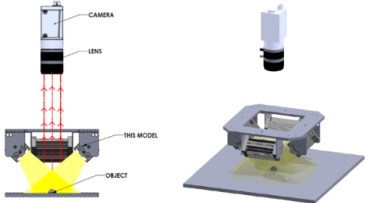
Strobe Mode Specification						
*Normal Strobe Voltage	24V					
*Normal Strobe Current	1600mA		1280mA		1440mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 3200mA	Max: 4800mA	Min: 3760mA	Max: 6200mA	Min: 3920mA	Max: 6360mA
Recommended Overdrive Voltage	36V		36V		36V	
**Max. Trigger Pulse Duration	10%					
**Max. Duty Cycle	10msec					

# ILLUMINATOR DATA

## LTZPFE160-00-6-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
			

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, High Intensity, Multiple Rectangular Illumination (for short working distance)
Application Use	<ul style="list-style-type: none"> <li>• Lead Inspection</li> <li>• Code Recognition</li> <li>• Character Inspection</li> </ul> 

# ILLUMINATOR DATA

## LTZPFE160-00-6-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.