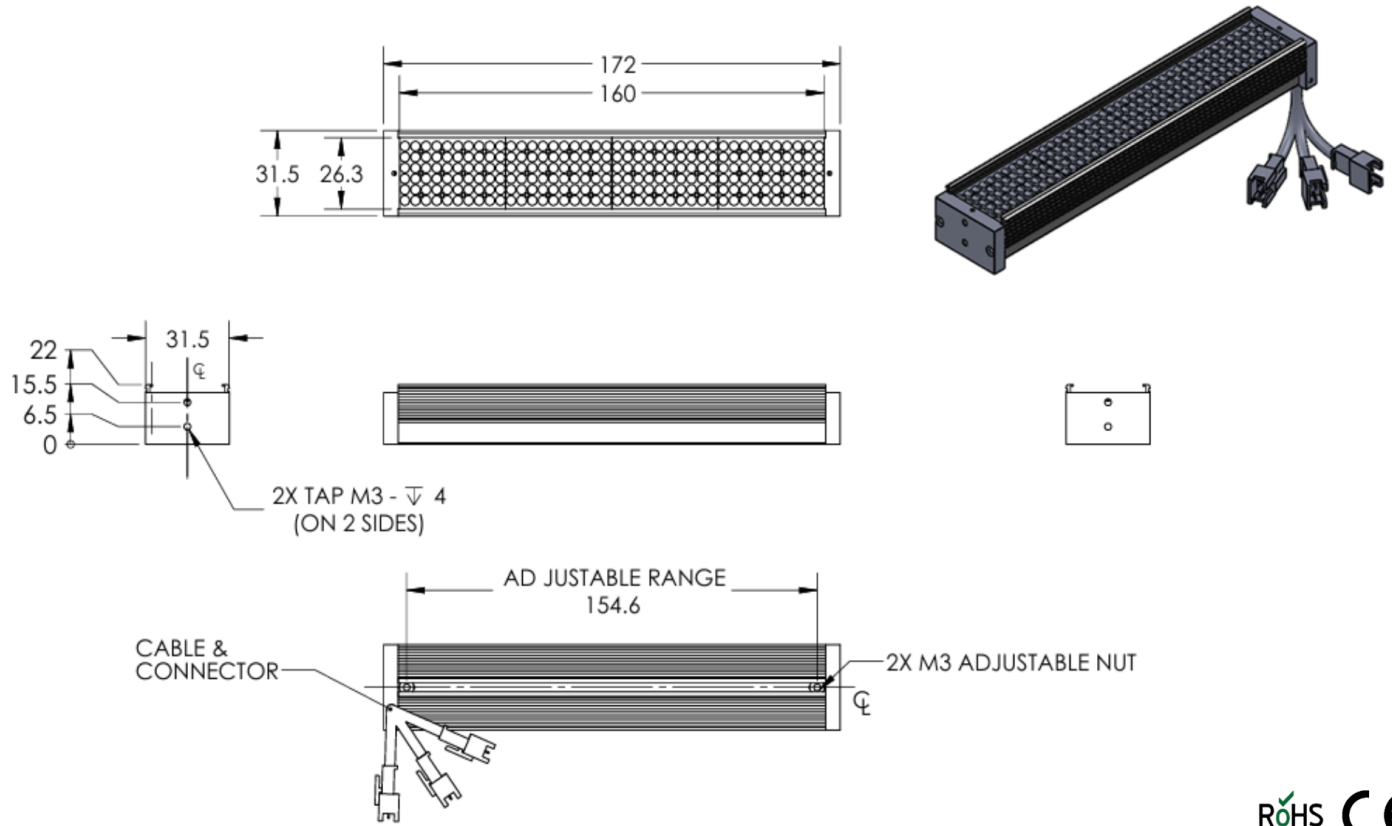


LTZPFL160-00-6-RGB-24V

Lighting Dimension

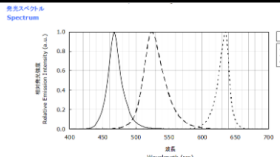
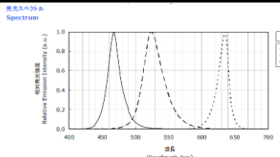
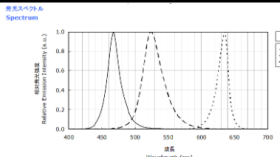
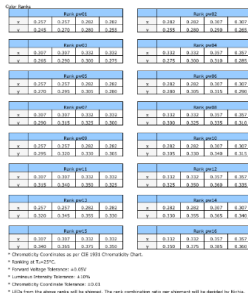
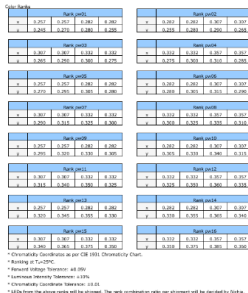
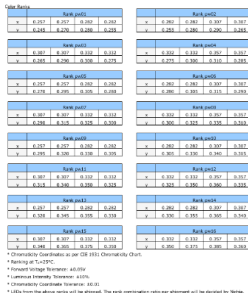


Mechanical Information

Casing Material	Aluminum Extrusion, Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	170g
Width / Inner Diameter	31.5mm
Length / Outer Diameter	172mm
Height / Thickness	22mm

ILLUMINATOR DATA

LTZPFL160-00-6-RGB-24V

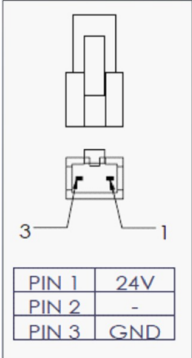
Lighting Information									
LED Color	RED			GREEN			BLUE		
Wavelength	 635 nm			 525 nm			 465 nm		
Working Distance	100mm	130mm	150mm	100mm	130mm	150mm	100mm	130mm	150mm
Intensity (±15%)	8307lx	5936lx	4871lx	22791lx	16770lx	13362lx	25219lx	17949lx	14796lx
Illumination (Number of Row)	6			6			6		
Illumination Active Area	Active Outer Diameter			160					
	Active Inner Diameter			26.3					
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 _(Min) - 24V _(Max)		
Rated Current	400mA	320mA	360mA
Power Consumption	9.600W	7.680W	8.640W
Casing Temperature, After 60 minutes operation	60°C		

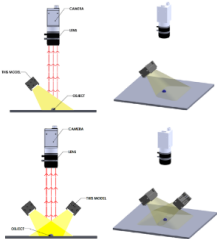
Strobe Mode Specification						
*Normal Strobe Voltage	24V					
*Normal Strobe Current	400mA		320mA		360mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 800mA	Max: 1200mA	Min: 560mA	Max: 932mA	Min: 580mA	Max: 948mA
Recommended Overdrive Voltage	36V		36V		36V	
**Max. Trigger Pulse Duration	10%					
**Max. Duty Cycle	10msec					

ILLUMINATOR DATA

LTZPFL160-00-6-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, Rectangular SMD Illumination (for short working distance)
Application Use	• General Illumination • Code Recognition • Character Inspection • Label Inspection 

ILLUMINATOR DATA

LTZPFL160-00-6-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.