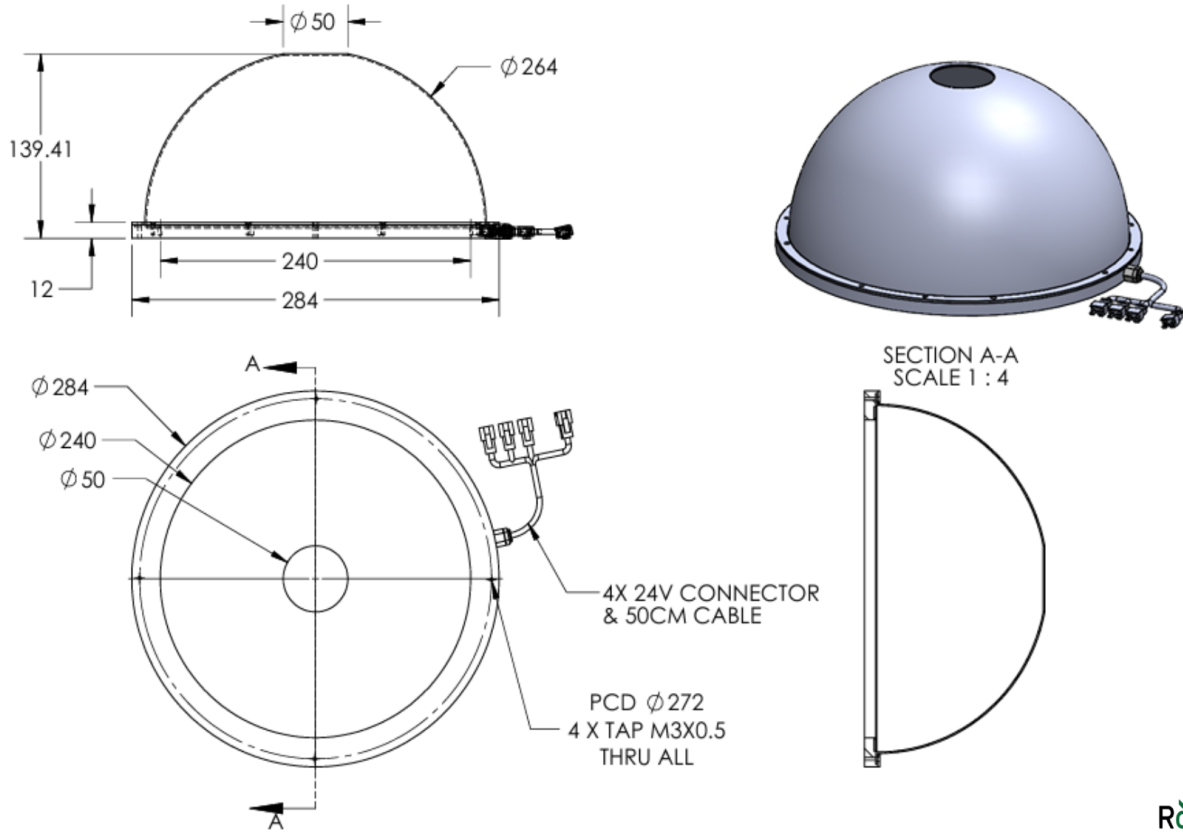


ILLUMINATOR DATA

LT5WRG250-00-1-RGBW-24V

Lighting Dimension

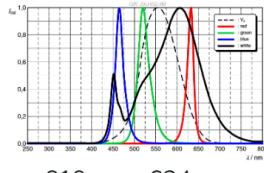
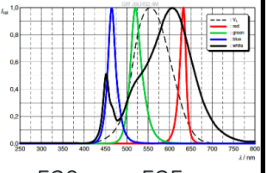
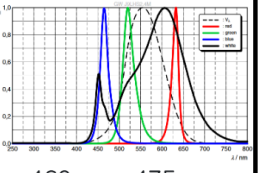
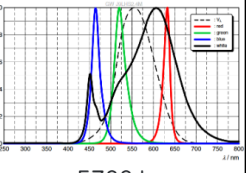


Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	780g
Width / Inner Diameter	50mm
Length / Outer Diameter	284mm
Height / Thickness	139.41mm

ILLUMINATOR DATA

LT5WRG250-00-1-RGBW-24V


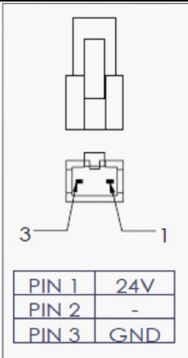
Lighting Information												
LED Color	RED			GREEN			BLUE			WHITE		
Wavelength	 619 nm - 624 nm			 520 nm - 535 nm			 460 nm - 475 nm			 5700 k		
Working Distance	50m m	80m m	100m m	50m m	80m m	100m m	50m m	80m m	100m m	50m m	80m m	100m m
Intensity (±15%)	2880 lx	2320 lx	1900 lx	7570 lx	6070 lx	5050 lx	7050 lx	5680 lx	4670 lx	5960 lx	4830 lx	3950 lx
Illumination (Number of Row)	1			1			1			1		
Illumination Active Area	Active Outer Diameter			240								
	Active Inner Diameter			240								
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 _(Min) - 24V _(Max)			
Rated Current	330mA	330mA	330mA	330mA
Power Consumption	7.920W	7.920W	7.920W	7.920W
Casing Temperature, After 60 minutes operation	60°C			

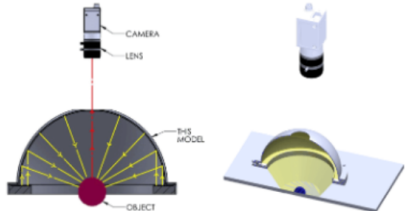
Strobe Mode Specification									
*Normal Strobe Voltage	24V								
*Normal Strobe Current	330mA		330mA		330mA		330mA		
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	
Overdrive Current Range	Min: 668mA	Max: 1006mA	Min: 770mA	Max: 1210mA	Min: 880mA	Max: 1430mA	Min: 880mA	Max: 1430mA	
Recommended Overdrive Voltage	36V		36V		36V		36V		

ILLUMINATOR DATA

LT5WRG250-00-1-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></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	Indirect Dome Illumination
Application Use	<ul style="list-style-type: none"> Cracks, Chips, Stains & Marks on Circular or Cylindrical Object Inspection Solder and Substrate Inspection 

ILLUMINATOR DATA

LT5WRG250-00-1-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.