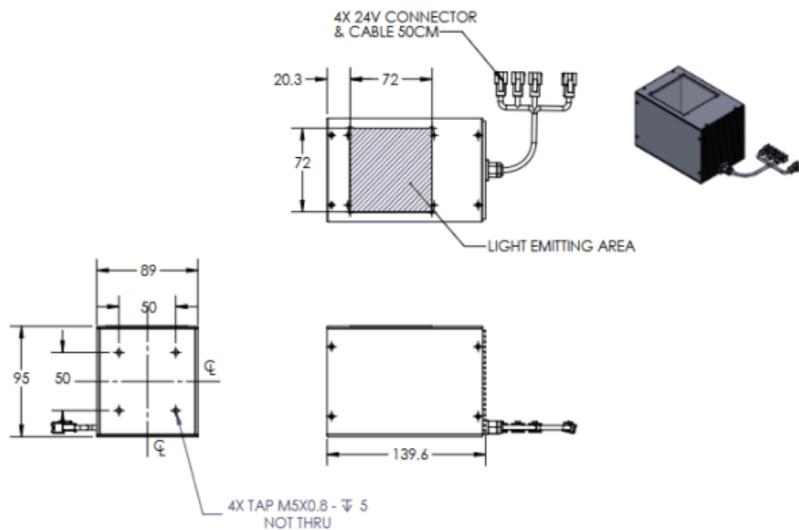


# ILLUMINATOR DATA

## LT2QOG070-00-X-RGBW-24V

### Lighting Dimension



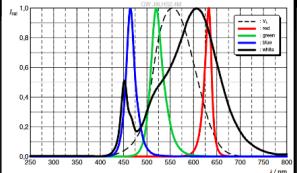
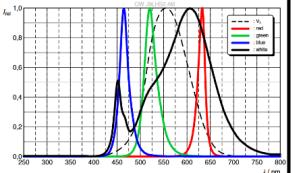
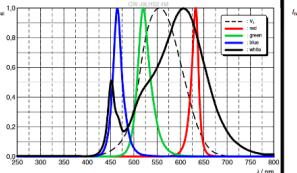
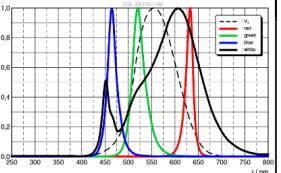
### Mechanical Information

Casing Material	Extrusion, Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	740g
Width / Inner Diameter	89mm
Length / Outer Diameter	95mm
Height / Thickness	139.6mm

# ILLUMINATOR DATA

## LT2QOG070-00-X-RGBW-24V

### Lighting Information

LED Color	RED	GREEN	BLUE	WHITE
Wavelength				
Working Distance	40mm 50mm 60mm	40mm 50mm 60mm	40mm 50mm 60mm	40mm 50mm 60mm
Intensity ( $\pm 15\%$ )	2700lx 2080lx 1710lx	6870lx 5570lx 4440lx	7240lx 5950lx 4700lx	4260lx 3320lx 2600lx
Illumination (Number of Row)	0	0	0	0
Illumination Active Area	Active Outer Diameter	70		
	Active Inner Diameter	70		
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	320mA	320mA	280mA	240mA
Power Consumption	7.680W	7.680W	6.720W	5.760W
Casing Temperature, After 60 minutes operation	60°C			

### Strobe Mode Specification

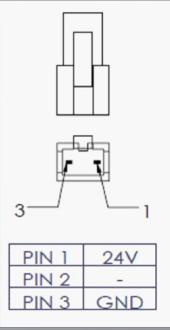
*Normal Strobe Voltage	24V			
*Normal Strobe Current	320mA	320mA	280mA	240mA
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 670mA	Max: 1020mA	Min: 980mA	Max: 1680mA
Recommended Overdrive Voltage	36V	36V	36V	36V
**Max. Trigger Pulse Duration	10%			
**Max. Duty 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.

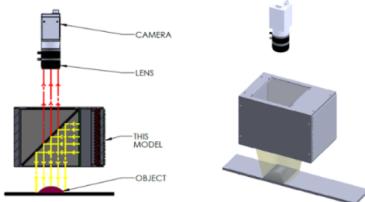
\*\*Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

# ILLUMINATOR DATA

## LT2QOG070-00-X-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						
		 <table border="1"> <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>	PIN 1	24V	PIN 2	-	PIN 3	GND	
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	Uniform Mid Power Coaxial Illumination
Application Use	<ul style="list-style-type: none"> <li>• Surface Inspection and Alignment</li> <li>• Pattern on PCB Inspection</li> <li>• Wafer and Metal Surface inspection, Film,LCD &amp; Glass</li> </ul> 

# ILLUMINATOR DATA

## LT2QOG070-00-X-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.