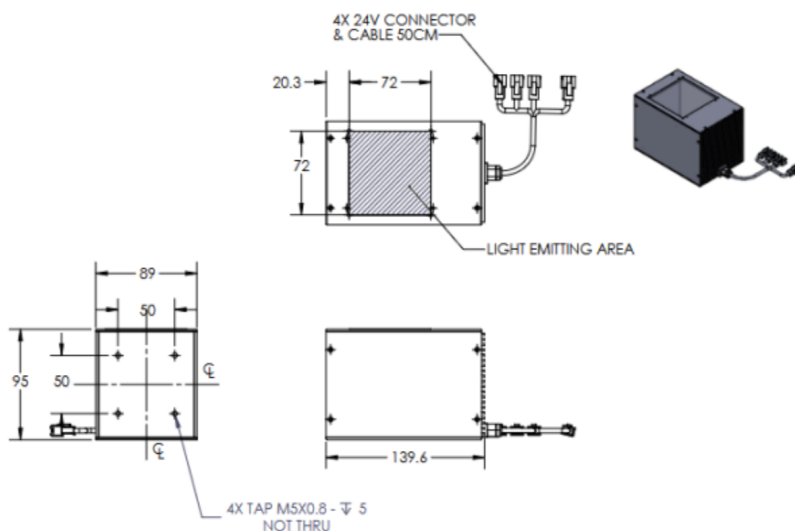


LT2QOG070-00-X-RGBW-24V

Lighting Dimension

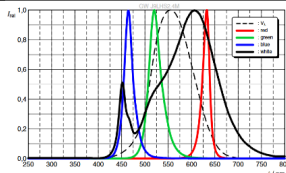
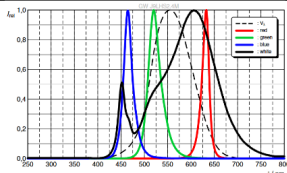
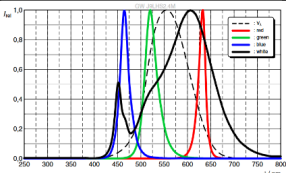
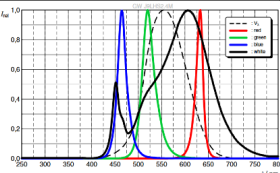


Mechanical Information

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	 619 nm - 624 nm			 520 nm - 535 nm			 460 nm - 475 nm			 5700 k		
Working Distance	40mm	50mm	60mm	40mm	50mm	60mm	40mm	50mm	60mm	40mm	50mm	60mm
Intensity (±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 _(Min) - 24V _(Max)			
Rated Current	320mA	320mA	280mA	240mA
Power Consumption	7.680W	7.680W	6.720W	5.760W
Casing Temperature, After 60 minutes operation	60°C			


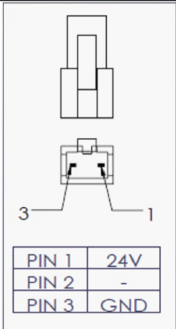
Strobe Mode Specification								
*Normal Strobe Voltage	24V							
*Normal Strobe Current	320mA		320mA		280mA		240mA	
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 670mA	Max: 1020mA	Min: 1020mA	Max: 1720mA	Min: 980mA	Max: 1680mA	Min: 765mA	Max: 1290mA
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.

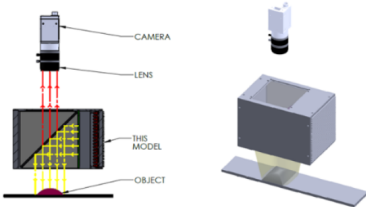
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

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
			

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"> • Surface Inspection and Alignment • Pattern on PCB Inspection • Wafer and Metal Surface inspection, Film,LCD & Glass 

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.