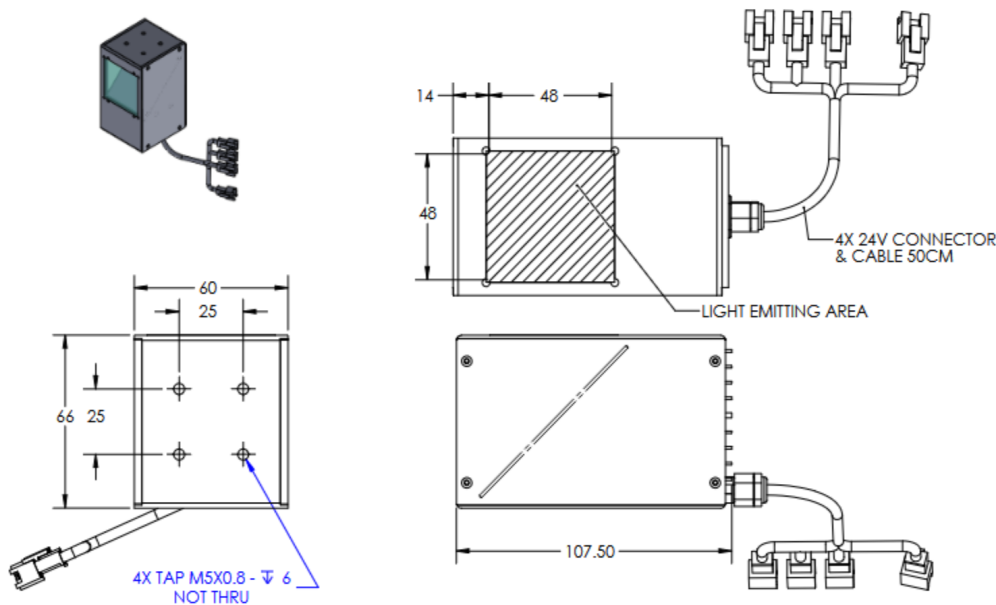


LT2QOG040-00-X-RGBW-24V

Lighting Dimension

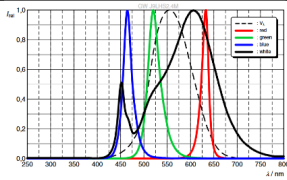
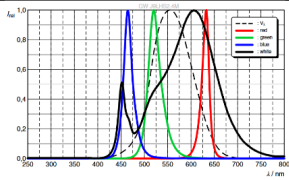
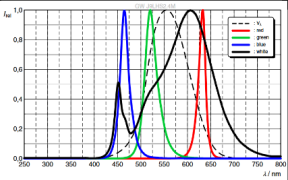
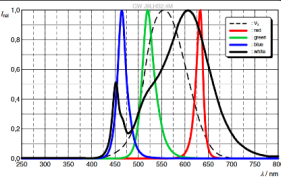


Mechanical Information

Casing Material	Extrusion, Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	360g
Width / Inner Diameter	60mm
Length / Outer Diameter	66mm
Height / Thickness	107.5mm

ILLUMINATOR DATA

LT2QOG040-00-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%)	933lx	863lx	691lx	3230lx	2300lx	1790lx	3610lx	2430lx	1700lx	2420lx	1650lx	1610lx
Illumination (Number of Row)	0			0			0			0		
Illumination Active Area	Active Outer Diameter			48								
	Active Inner Diameter			48								
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	90mA	90mA	90mA	90mA
Power Consumption	2.160W	2.160W	2.160W	2.160W
Casing Temperature, After 60 minutes operation	60°C			


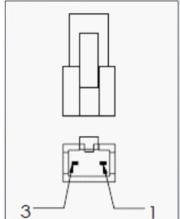
Strobe Mode Specification								
*Normal Strobe Voltage	24V							
*Normal Strobe Current	90mA	90mA	90mA	90mA	90mA	90mA	90mA	90mA
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 178mA	Max: 266mA	Min: 196mA	Max: 302mA	Min: 219mA	Max: 347mA	Min: 219mA	Max: 347mA
Recommended Overdrive Voltage	36V	36V	36V	36V	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.

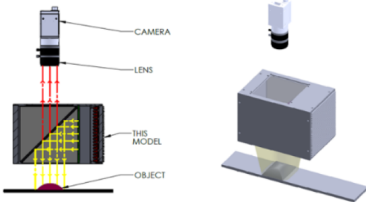
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

ILLUMINATOR DATA

LT2QOG040-00-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					
								
	<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	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 

LT2QOG040-00-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.