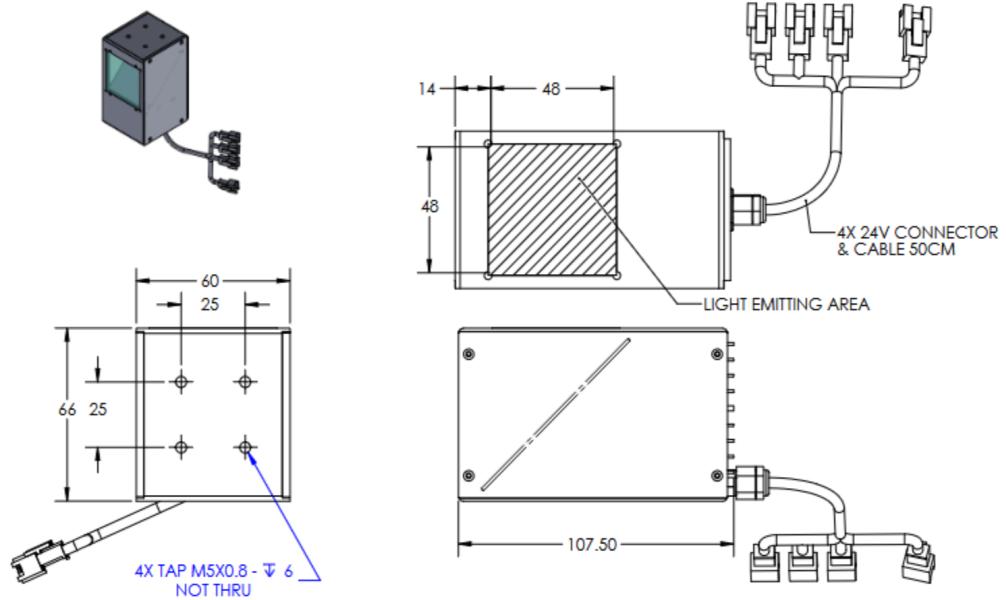


ILLUMINATOR DATA

LT2QOG040-00-X-RGBW-24V

Lighting Dimension



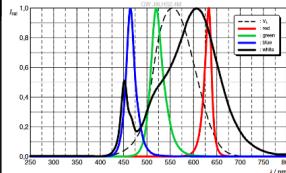
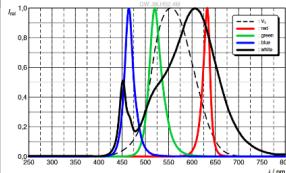
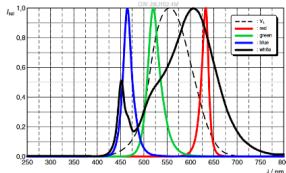
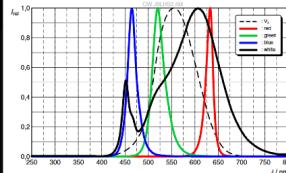

Mechanical Information

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				
Working Distance	40mm 50mm 60mm	40mm 50mm 60mm	40mm 50mm 60mm	40mm 50mm 60mm
Intensity ($\pm 15\%$)	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

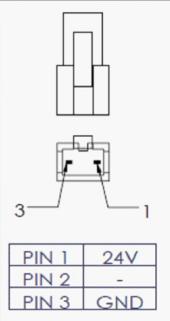
*Normal Strobe Voltage	24V			
*Normal Strobe Current	90mA	90mA	90mA	90mA
Overdrive Voltage Range	Min: 36V	Max: 48V	Min: 36V	Max: 48V
Overdrive Current Range	Min: 178mA	Max: 266mA	Min: 196mA	Max: 302mA
Recommended Overdrive Voltage	36V	36V	36V	36V
**Max. Trigger Pulse Duration	10%			
**Max. Duty Cycle	10msec			

*Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

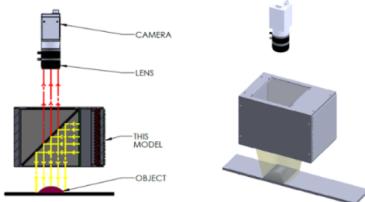
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

ILLUMINATOR DATA

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

ILLUMINATOR DATA

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.