

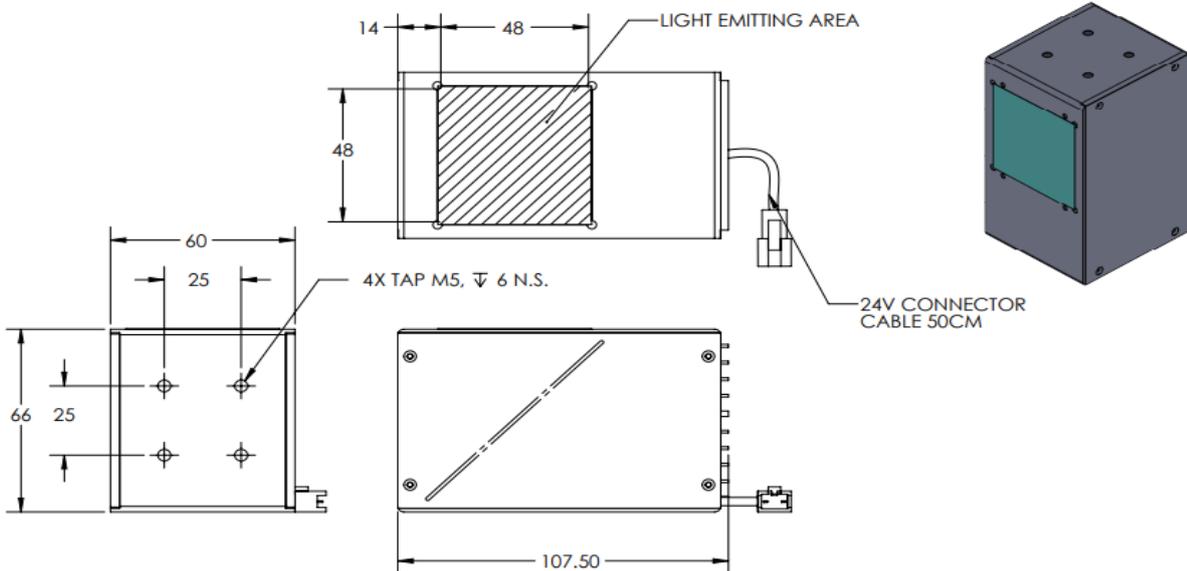


OPTO ENGINEERING

ILLUMINATOR DATA

LT2QOG040-00-X-UV365-24V

Lighting Dimension



Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	324g
Length / Outer Diameter	107.5mm
Width / Inner Diameter	60mm
Thickness / Height	66mm



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Lighting Information			
Part Number	LT2QOG040-00-X-UV365-24V		
LED Color	UV365		
Wavelength	365nm		
Working Distance	20 mm	30 mm	50 mm
Intensity ($\pm 15\%$)	-	-	-
Illumination (number of row)	X		
Illumination Active Area	Active Length / Outer Dia.	48mm	
	Active Width / Inner Dia.	48mm	
Emission angle	0		
Eye Safety Class (IEC62471)	Risk Group 2 (Moderate - Risk)		
Chromaticity Table For White colour only	Nil		

Electrical Information	
Rated Constant Voltage	24V $\pm 2\%$
Rated Constant Current	60 mA
Power Consumption	1.44 W
Casing temperature, After 60 minutes operation	TBA °C

Strobe Mode Specification		
*Normal Strobe Voltage	24V	
*Normal Strobe Current	60 mA	
Overdrive Voltage Range	Min: 36 V	Max: 48 V
Overdrive Current Range	Min: 0.25 A	Max: 0.4 A
Recommended Overdrive Voltage	36V	
**Max. Trigger Pulse Duration	10 msec	
**Max. Duty Cycle	10%	

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

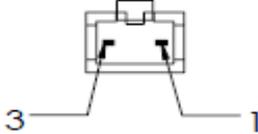
**Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.



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Connection Information			
Connector Type (Default)	JST SMR-03V		
Cable Length	50 cm		
Pin Configuration 	Pin	Signal	Cable Colour
	1	LED +	Red
	2	N.C	-
	3	LED -	White
			

Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	SD, ST, ANG, LC, SDA, SDP series
CE Conformity	YES
RoHS Compliance	YES

Application	
Illumination Type	UV Illumination
Application Use	Allow Chemicals That Has UV Lighting Interaction to be Visible Under The Blue Light



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ILLUMINATOR DATA

LT2Q0G040-00-X-UV365-24V

Lighting Pattern				
Working Distance	For further details please contact us.			
Display and Image				
Data Results	Horizontal	Meas.(mm)	Vertical	Meas.(mm)
	90%		90%	
	80%		80%	
	70%		70%	
	60%		60%	
	50%		50%	
	40%		40%	
	30%		30%	
	20%		20%	
	10%		10%	