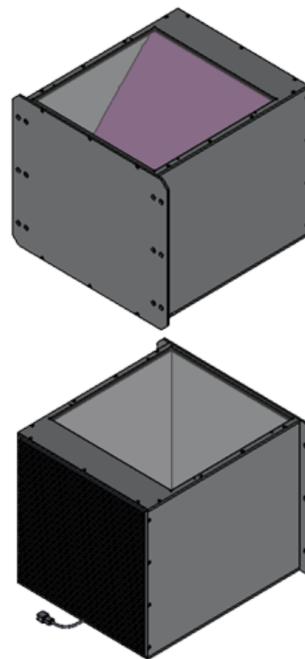
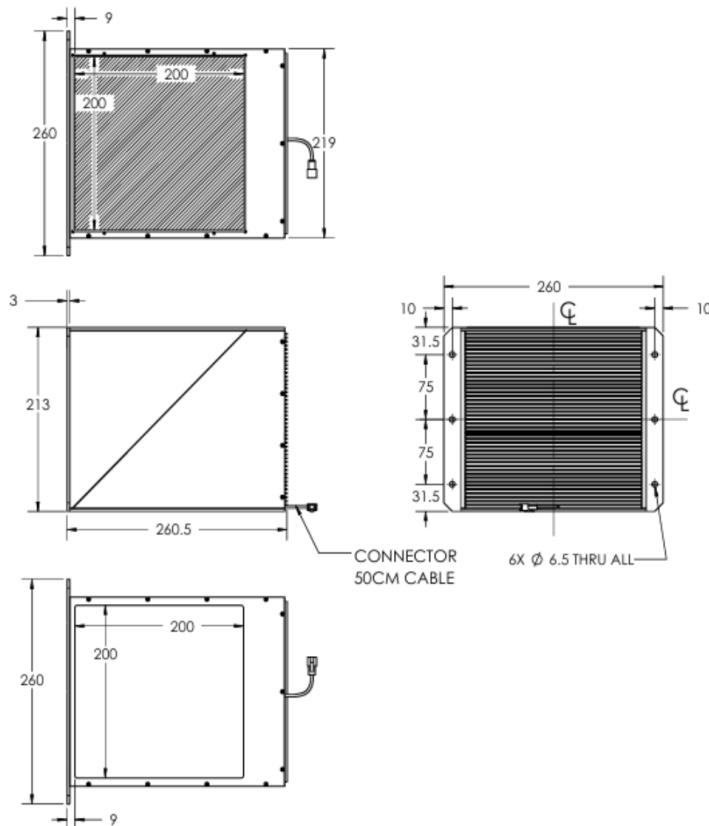


# ILLUMINATOR DATA

## LT3QOG200-00-X-B-24V

### Lighting Dimension

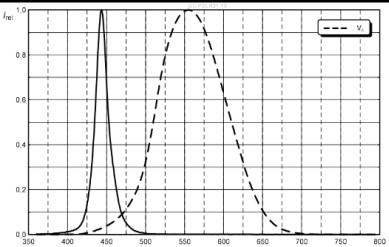


### Mechanical Information

Casing Material	Extrusion
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	3200g
Width / Inner Diameter	260mm
Length / Outer Diameter	260mm
Height / Thickness	213mm

# ILLUMINATOR DATA

## LT3QOG200-00-X-B-24V

Lighting Information					
LED Color	BLUE				
Wavelength	 444 nm - 461 nm				
Working Distance	100mm	110mm	120mm		
Intensity ( $\pm 15\%$ )	5386lx	18603lx	16969lx		
Illumination (Number of Row)	0				
Illumination Active Area	Active Outer Diameter	200			
	Active Inner Diameter	200			
Emission Angle	0°				
Eye Safety Class (IEC62471)	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.				
Chromaticity Table For White Colour Only					

Electrical Information			
Rated Voltage	24V <sub>(Min)</sub> - 24V <sub>(Max)</sub>		
Rated Current	1584mA		
Power Consumption	38.016W		
Casing Temperature, After 60 minutes operation	60°C		

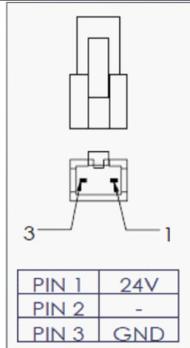
Strobe Mode Specification					
*Normal Strobe Voltage	24V				
*Normal Strobe Current	1584mA				
Overdrive Voltage Range	Min: 36V	Max: 48V			
Overdrive Current Range	Min: 4202mA	Max: 6820mA			
Recommended Overdrive Voltage	36V				
**Max. Trigger Pulse Duration	10%				
**Max. Duty Cycle	10msec				

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

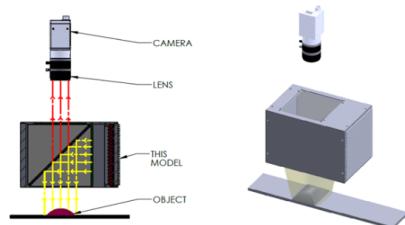
\*\*Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle.

# ILLUMINATOR DATA

## LT3QOG200-00-X-B-24V

Connection Information									
Connector Type	JST SMR-03V-B								
Cable Length	500mm								
	Pin	Signal	Cable Color						
Pin Configuration	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 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 and Glass</li> </ul> 

# ILLUMINATOR DATA

## LT3QOG200-00-X-B-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.