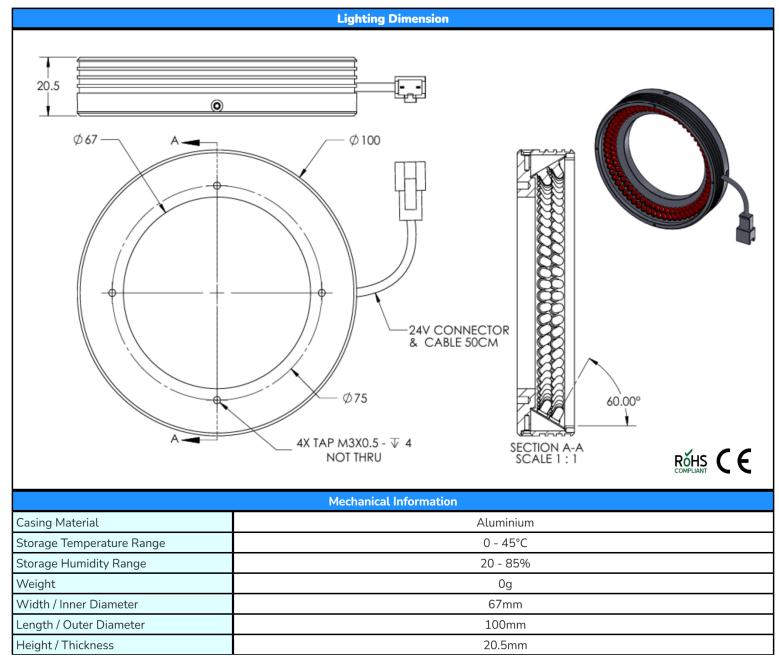


LTZZ0100-60-2-B-24V





LTZZ0100-60-2-B-24V

Lighting Information							
LED Color	BLUE						
Wavelength	BECE Bectors For the second se						
Working Distance	19mm			39mm			59mm
Intensity (±15%)	Olx			Olx			Olx
Illumination (Number of Row)	2						
Illumination Active Area	Active Outer Diameter 92						
Ittumination Active Area	Active Inner Diameter 92						
Emission Angle	60°						
	EXEMPT						
Eye Safety Class (IEC62471)	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.						
	Color Rank						
Chromaticity Table For White Colour Only	Rank W x 0.11 0.15 0.15						
	ý	0.0		0.10	0.04		
	* Ranking at $T_A=25^{\circ}$ C.						
	* Tolerance of measurements of the Forward Voltage is $\pm 3\%$. * Tolerance of measurements of the Luminous Intensity is $\pm 10\%$.						
	* Tolerance of measurements of the Luminous Intensity is $\pm 10\%$. * Tolerance of measurements of the Chromaticity Coordinate is ± 0.01 .						
	* A shipment shall consist of LEDs in a combination of the above ranks.						
	The percentage of each rank in the shipment shall be determined by Nichia.						

Electrical Information			
Rated Voltage	24V _(Min) - 24V _(Max)		
Rated Current	270mA		
Power Consumption	6.480W		
Casing Temperature,	60°C		
After 60 minutes operation	80 C		

Strobe Mode Specification				
*Normal Strobe Voltage	24V			
*Normal Strobe Current	270mA			
Overdrive Voltage Range	Min: 36V	Max: 48V		
Overdrive Current Range	Min: 1070mA	Max: 1870mA		
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.



LTZZ0100-60-2-B-24V

Connection Information					
Connector Type	JST SMR-03V-B				
Cable Length	500mm				
	Pin	Signal	Cable Color		
	1	24V	RED		
	2	-	-		
	3	GND	WHITE / BLACK		
Pin Configuration			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	Direct, Low Angle, Ring Illumination				
Application Use	 Edge Detection Scratch on Metal or Glossy Surface 				



LTZZ0100-60-2-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.