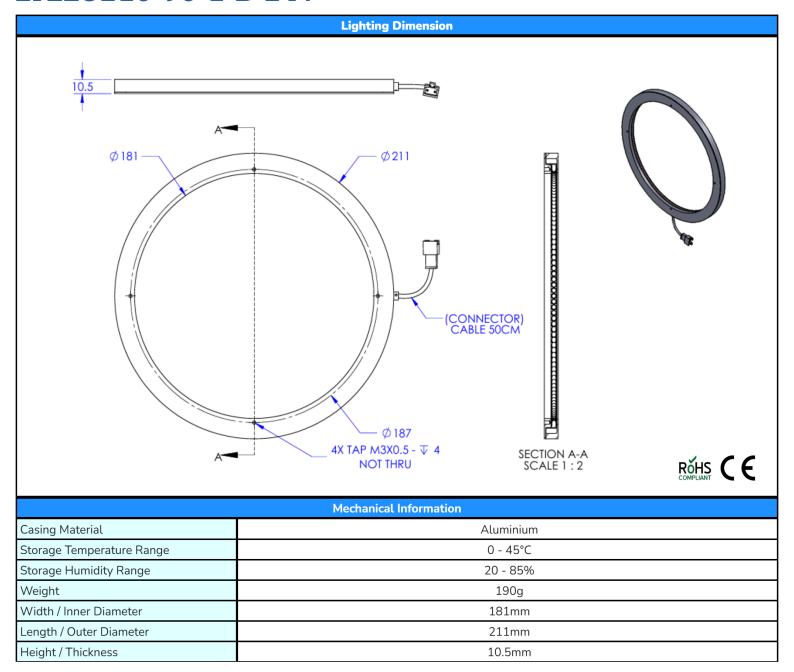


LTZZ0210-90-1-B-24V





LTZZ0210-90-1-B-24V

Lighting Information				
LED Color	BLUE			
Wavelength	8.8.2.459.6 Spectrum 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.			
Working Distance	27mm	32mm	37mm	
Intensity (±15%)	8320lx	8780lx	8270lx	
Illumination (Number of Row)	1			
Illumination Active Area	Active Outer Diameter 182			
Itturnination Active Area	Active Inner Diameter	181		
Emission Angle	90°			
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	Color Rank Rank W x 0.11 0.11 0.15 0.15 y 0.04 0.10 0.10 0.04 * Ranking at T _A =25°C. * Tolerance of measurements of the Forward Voltage is ±3%. * Tolerance of measurements of the Luminous Intensity is ±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	300mA		
Power Consumption	7.200W		
Casing Temperature,	60°C		
Casing Temperature, After 60 minutes operation	60 C		

Strobe Mode Specification				
*Normal Strobe Voltage	24V			
*Normal Strobe Current	300mA			
Overdrive Voltage Range	Min: 36V Max: 48V			
Overdrive Current Range	Min: 1188mA	Max: 2077mA		
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.



LTZZO210-90-1-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			3 1 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 Application			
Illumination Type	Direct, Low Angle, Ring Illumination		
Application Use	 Edge Detection Scratch on Metal or Glossy Surface 	CAMERA LENS BAS MODEL	



LTZZO210-90-1-B-24V

		Lighting Pattern		
Working Distance	For further details, please contact us			
Display and Image	For further details, please contact us			
	Horizontal	Meas. (mm)	Vertical	Meas. (mm)
	90%	N.A.	90%	N.A.
Data Results	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.