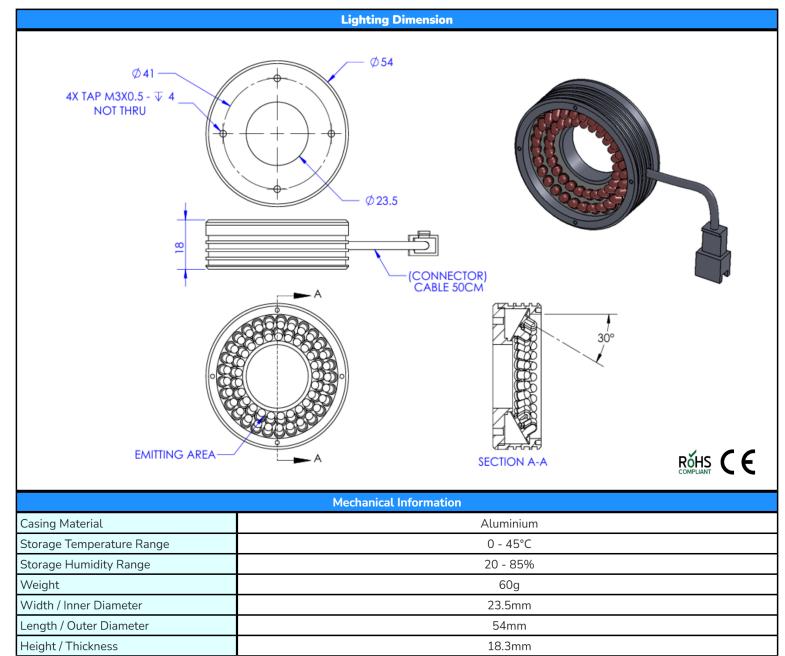


LTZGK050-30-2-B-24V





LTZGK050-30-2-B-24V

Lighting Information							
LED Color	BLUE						
Wavelength	BLOE BCCE Breactions 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
Working Distance	29mm			34mm			39mm
Intensity (±15%)	189200lx			151100l:	×		101300lx
Illumination (Number of Row)	2						
Illumination Active Area	Active Outer Diameter		46				
Ittumination Active Area	Active Inner Diameter 26.3						
Emission Angle	30°						
	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						
	x	0.11	Ran 0.11	k W 0.15	0.15		
Chromaticity Table For White Colour Only	y y	0.04		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	120mA		
Power Consumption	2.880W		
Casing Temperature, After 60 minutes operation	60°C		

Strobe Mode Specification				
*Normal Strobe Voltage	24V			
*Normal Strobe Current	120mA			
Overdrive Voltage Range	Min: 36V	Max: 48V		
Overdrive Current Range	Min: 475mA	Max: 831mA		
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.



LTZGK050-30-2-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	High Intensity, Concentrated Ring Illumination				
Application Use	 Substrate Inspection Fiducial Recognition Flat Surface Label Inspection 				



LTZGK050-30-2-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.	