

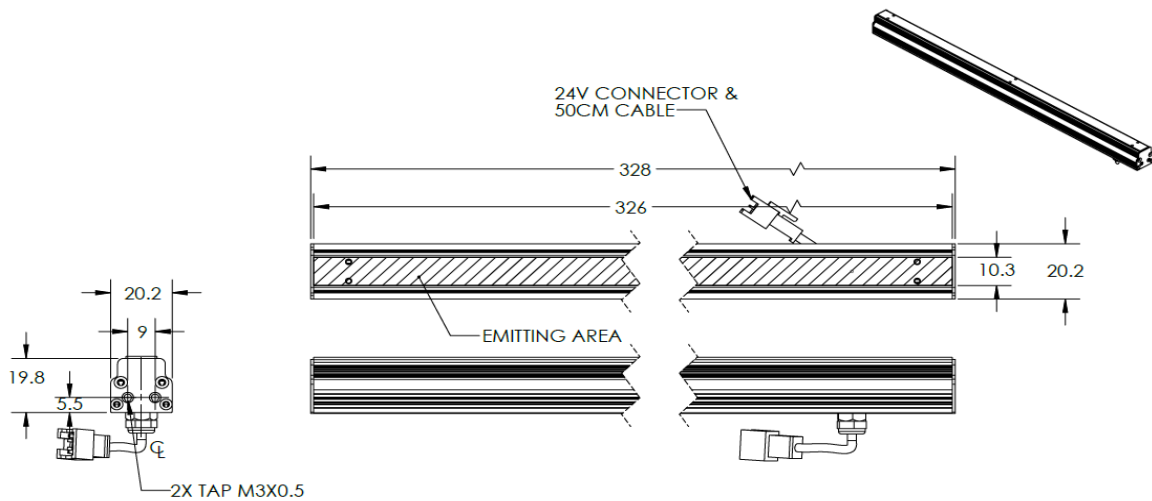


OPTO ENGINEERING

ILLUMINATOR DATA

LT2VZPG325-00-1-G-24V

Lighting Dimension



Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	89g
Length / Outer Diameter	328mm
Width / Inner Diameter	20.2mm
Thickness / Height	19.8mm

ILLUMINATOR DATA

LT2VZPG325-00-1-G-24V

Lighting Information																													
Part Number		LT2VZPG325-00-1-G-24V																											
LED Color		GREEN																											
Wavelength		525																											
Working Distance		200		220		250																							
Intensity (±15%)		*FOR FURTHER INFORMATION PLEASE CONTACT US																											
Illumination (number of row)		1																											
Illumination Active Area		Active Length / Outer Dia.				326mm																							
		Active Width / Inner Dia.				10.3mm																							
Emission angle		0																											
Eye Safety Class (IEC62471)		EXEMPT																											
Chromaticity Table																													
For White colour only		<table><tr><td>X</td><td>0.296</td><td>0.287</td><td>0.307</td><td>0.311</td></tr><tr><td>Y</td><td>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td></tr></table>					X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	<table><tr><td>X</td><td>0.311</td><td>0.307</td><td>0.33</td><td>0.33</td></tr><tr><td>Y</td><td>0.294</td><td>0.315</td><td>0.339</td><td>0.318</td></tr></table>			X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
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Y	0.276	0.295	0.315	0.294																									
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Y	0.294	0.315	0.339	0.318																									

Electrical Information	
Rated Constant Voltage	24V±2%
Rated Constant Current	400mA
Power Consumption	9.6W
Casing temperature, After 60 minutes operation	60.5


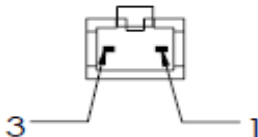
Strobe Mode Specification	
*Normal Strobe Voltage	24 V
*Normal Strobe Current	400mA
Overdrive Voltage Range	Min: 36V Max: 48V
Overdrive Current Range	Min: 1973mA Max: 2632mA
Recommended Overdrive Voltage	36V
**Max. Trigger Pulse Duration	10 msec
**Max. Duty Cycle	10%

*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.

ILLUMINATOR DATA

LT2VZPG325-00-1-G-24V

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	High Power Illumination Compact Bar Light
Application Use	Label Inspection, Character Inspection, Code Recognition

ILLUMINATOR DATA

LT2VZPG325-00-1-G-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%	