

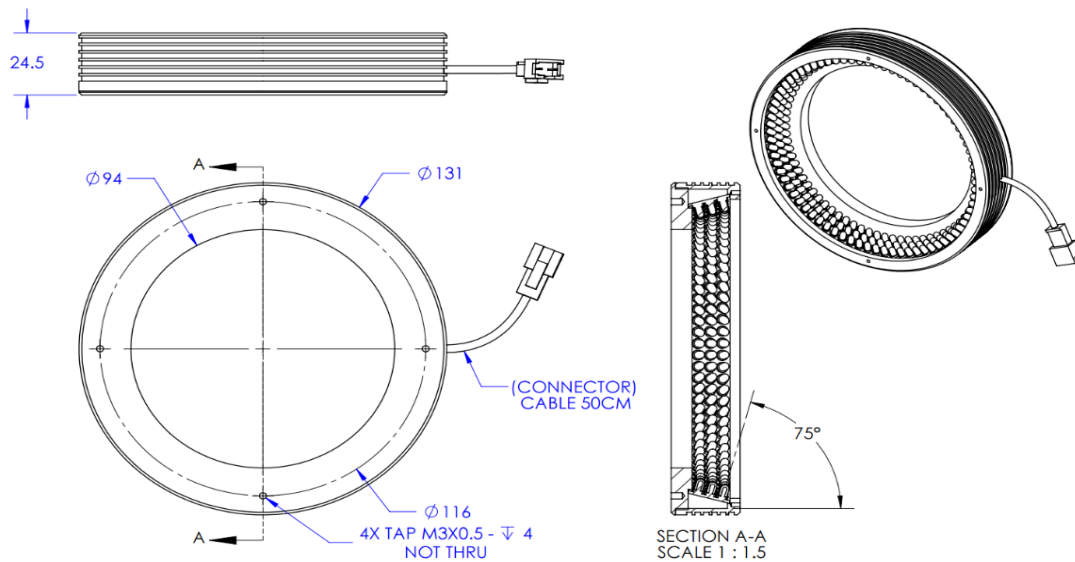


OPTO ENGINEERING

ILLUMINATOR DATA

LTZZ0130-75-3-G-24V

Lighting Dimension



ROHS COMPLIANT CE

Mechanical Information

Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	260g
Length / Outer Diameter	131mm
Width / Inner Diameter	94mm
Thickness / Height	24.5mm

ILLUMINATOR DATA

LTZZO130-75-3-G-24V

Lighting Information																										
Part Number	LTZZO130-75-3-G-24V																									
LED Color	Green																									
Wavelength	525																									
Working Distance	5		10		15																					
Intensity (±15%)	52700		25200		40500																					
Illumination (number of row)	3																									
Illumination Active Area	Active Length / Outer Dia.			118mm																						
	Active Width / Inner Dia.			94mm																						
Emission angle	75																									
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	0.294	0.315	0.339	0.318																						

Electrical Information	
Rated Constant Voltage	24V±2%
Rated Constant Current	540mA
Power Consumption	12.96W
Casing temperature, After 60 minutes operation	55.8


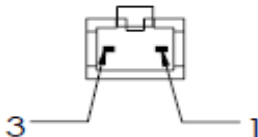
Strobe Mode Specification	
*Normal Strobe Voltage	24 V
*Normal Strobe Current	540mA
Overdrive Voltage Range	Min: 36V Max: 48V
Overdrive Current Range	Min: 1910mA Max: 3510mA
Recommended Overdrive Voltage	
**Max. Trigger Pulse Duration	10 msec
**Max. Duty Cycle	10%

*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

LTZZ0130-75-3-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	Direct, Low Angle, Ring Illumination
Application Use	Edge Detection, Scratch on Metal or Glossy Surface

ILLUMINATOR DATA

LTZZ0130-75-3-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%	