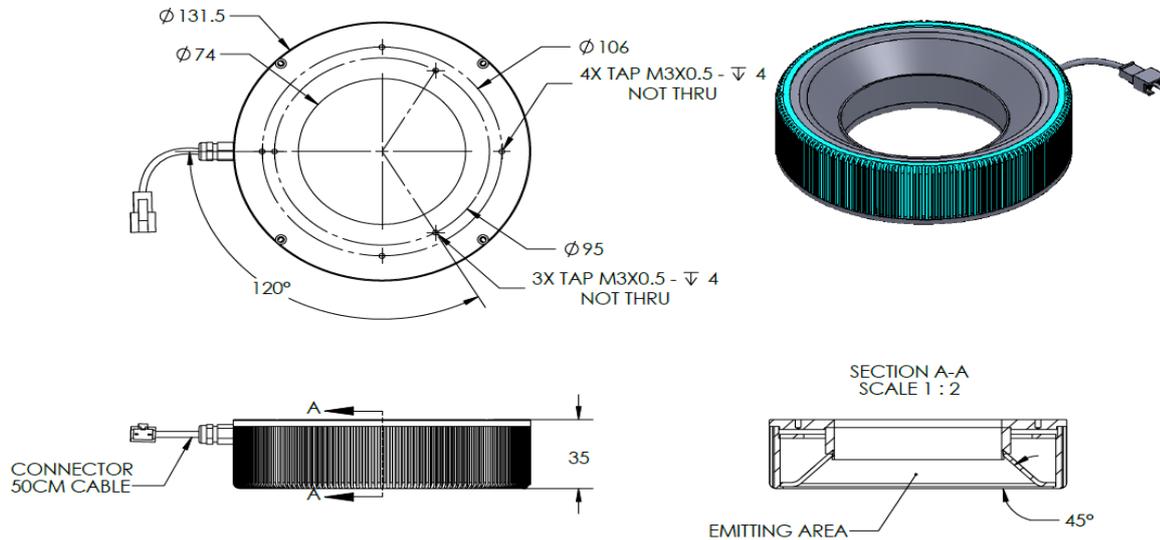


# ILLUMINATOR DATA

## LT3RZF0130-45-1-W-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Weight	280g
Length / Outer Diameter	131.5mm
Width / Inner Diameter	74mm
Thickness/Height	35mm

# ILLUMINATOR DATA

Optical Information																									
Part Number		LT3RZF0130-45-1-W-24V																							
LED Color		WHITE																							
Wavelength	(nm)	REFER TO CHROMATICITY TABLE																							
Intensity (±15%)	(Lux)	17551 lx	17466 lx	15762 lx																					
Working Distance	(mm)	24mm	35mm	49mm																					
Illumination (number of row)		1																							
Illumination Active Area																									
Active Length / Outer Dia.	(mm)	119.5mm																							
Active Width / Inner Dia.		76mm																							
Emission angle	(deg.)	45																							
Eye Safety Class ( IEC62471 )		EXEMPT																							
*CHROMATICITY TABLE		<table border="1"> <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 border="1"> <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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X	0.311	0.307	0.33	0.33																					
Y	0.294	0.315	0.339	0.318																					
Electrical Information																									
Lighting Supply Voltage (constant voltage mode)		24V ± 2%																							
Continuous Current	(mA)	360mA																							
Power Consumption	(W)	8.64W																							
Lighting casing temperature, after 60 minutes	Operating °C	53°C																							
Strobe Mode Specification																									
Pulse Operation		YES																							
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC																							
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	1230mA																							
Max. Trigger Pulse Duration	(msec)	10																							
Duty Cycle		0-10%																							
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																							
Connection																									
Connector Type (Default):		JST SMR-03V																							
Cable Length out from lighting :	(mm)	500																							
Pin Configuration :		Pin	Signal	Cable Color																					
		1	LED +	RED																					
		2	N.C.	---																					
		3	LED -	WHITE																					
																									
Application																									
Illumination Type		Diffused Illumination☑																							
Application Use		Character recognition on shining surface, lead inspection☑																							