OPTO ENGINEERING

LTZGK070-15-3-W-24V

Lighting Dimension	

20.5

Ø70
Ø32
A
(CONNECTOR)
CABLE 50cm
Ø56
4X TAP M3X0.5 - ↧ 4
NOT THRU
15°
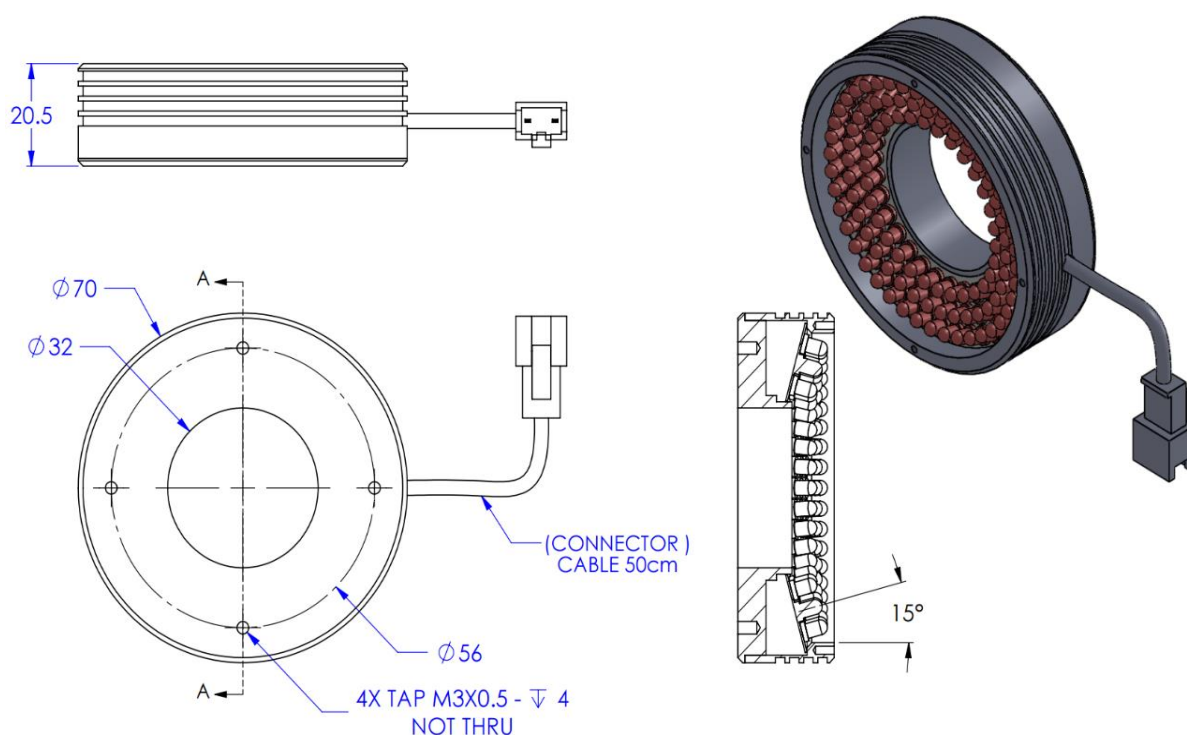
RoHS COMPLIANT CE

Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	0 - 45°C
Storage Humidity Range	20 - 85%
Weight	100g
Length / Outer Diameter	70mm
Width / Inner Diameter	32mm
Thickness / Height	20.5mm

ILLUMINATOR DATA

LTZGK070-15-3-W-24V

Lighting Information			
Part Number	LTZGK070-15-3-W-24V		
LED Color	WHITE		
Wavelength	REFER TO CHROMACITY TABLE		
Working Distance	75 mm	85 mm	95 mm
Intensity (±15%)	62800 lx	51000 lx	42100 lx
Illumination (number of row)	3		
Illumination Active Area	Active Length / Outer Dia.	62 mm	
	Active Width / Inner Dia.	34.5 mm	
Emission angle	15		
Eye Safety Class (IEC62471)	EXEMPT		
Chromaticity Table For White colour only			

X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33
Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318

Electrical Information	
Rated Constant Voltage	24V±2%
Rated Constant Current	240mA
Power Consumption	5.76W
Casing temperature, After 60 minutes operation	76.1 °C

Strobe Mode Specification		
*Normal Strobe Voltage	24 V	
*Normal Strobe Current	240 mA	
Overdrive Voltage Range	Min: 36V	Max: 48V
Overdrive Current Range	Min: 0.93 A	Max: 1.64 A
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.

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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 Illumination
Application Use	Label Inspection,Substrate Inspection,Flat surface,Fiducial Recognition

ILLUMINATOR DATA

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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%	