LSW-30-090-4-R-24V

Lighting Dimension

Ø70
Ø92
4X TAP M3X0.5 - ▽ 4 NOT THRU
Ø48
22
(CONNECTOR) CABLE 50CM
A
A
EMITTING AREA
SECTION A-A
30°

RoHS COMPLIANT CE
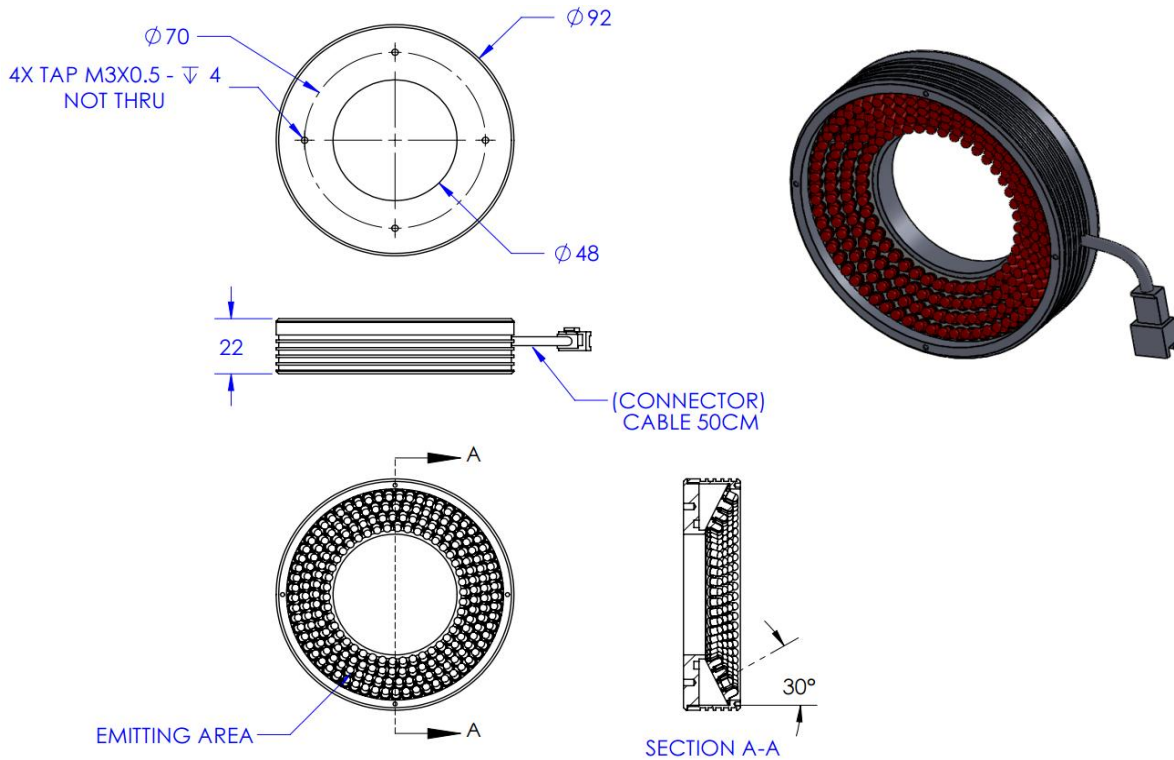
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	200 g
Length / Outer Diameter	92 mm
Width / Inner Diameter	48 mm
Thickness / Height	22 mm

ILLUMINATOR DATA-ID

LSW-30-090-4-R-24V

Optical Information				
Part Number		LSW-30-090-4-R-24V		
LED Color		RED		
Wavelength	(nm)	630		
Intensity (±15%)	(Lux)	167844	163584	160602
Working Distance	(mm)	46	51	56
Illumination (number of row)		4		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	84		
Active Width / Inner Diameter	(mm)	51.2		
Emission angle	(deg.)	30		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	345
Power Consumption	(W)	8.28
Lighting casing temperature, Operating after 60 minutes	°C	53.6

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)	1035
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		ANG, ST, SD and SDA 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	Direct Illumination
Applicattion Use	Substrate inspection, label inspection, flat surface, fiducially recognition.

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