TMS LITE

LSQ-15-045-1-R-24V

Lighting Dimension

2X TAP M3X0.5 THRU ALL
2X Ø3.2 THRU ALL
⌴ 5.6 ⏚ 3

Ø 45.7
Ø 24

10 15 25
35 15.1 10 4 0

CONNECTOR 50CM CABLE

8

A — A

SECTION A-A

15°

RoHS COMPLIANT CE
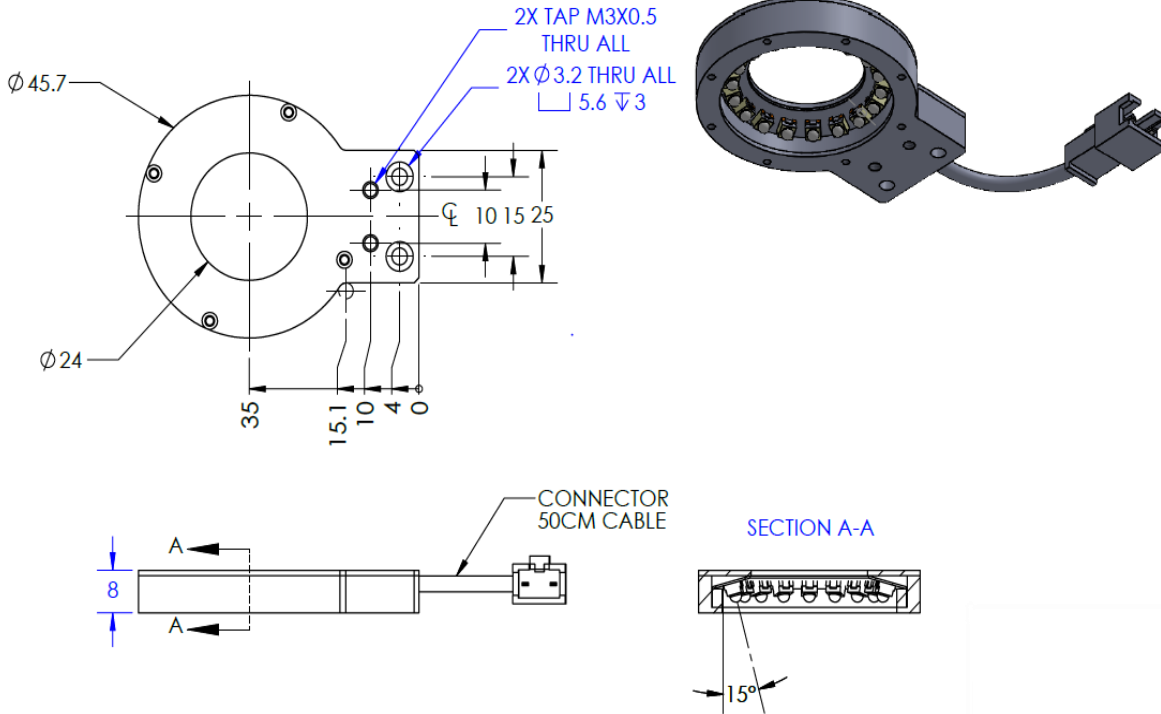
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	30 g
Length / Outer Diameter	57.85 mm
Width / Inner Diameter	45.7 mm
Thickness / Height	8 mm

LSQ-15-045-1-R-24V

Optical Information				
Part Number		LSQ-15-045-1-R-24V		
LED Color		RED		
Wavelength	(nm)	630		
Intensity (±15)	(Lux)	31200	31000	20300
Working Distance	(mm)	24	39	54
Illumination (number of row)		1		
Illumination Active Area				
Active Area (diameter)	(mm)	36		
Emission angle	(deg.)	15		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	30
Power Consumption	(W)	0.72
Lighting casing temperature, Operating after 60 minutes	°C	35.1

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)	90
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, SD, ST & 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
Application Use		Substrate inspection, label inspection, flat surface, fiducially recognition

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