LSW-00-040-2-W-24V

Lighting Dimension

(CONNECTOR) CABLE 50CM

EMITTING AREA

$\varnothing$ 43

20

$\varnothing$ 15 $\varnothing$ 43

B   B

$\varnothing$ 28

4X TAP M3X0.5 - $\triangledown$ 6 NOT THRU

SECTION B-B

0°

RoHS COMPLIANT   CE
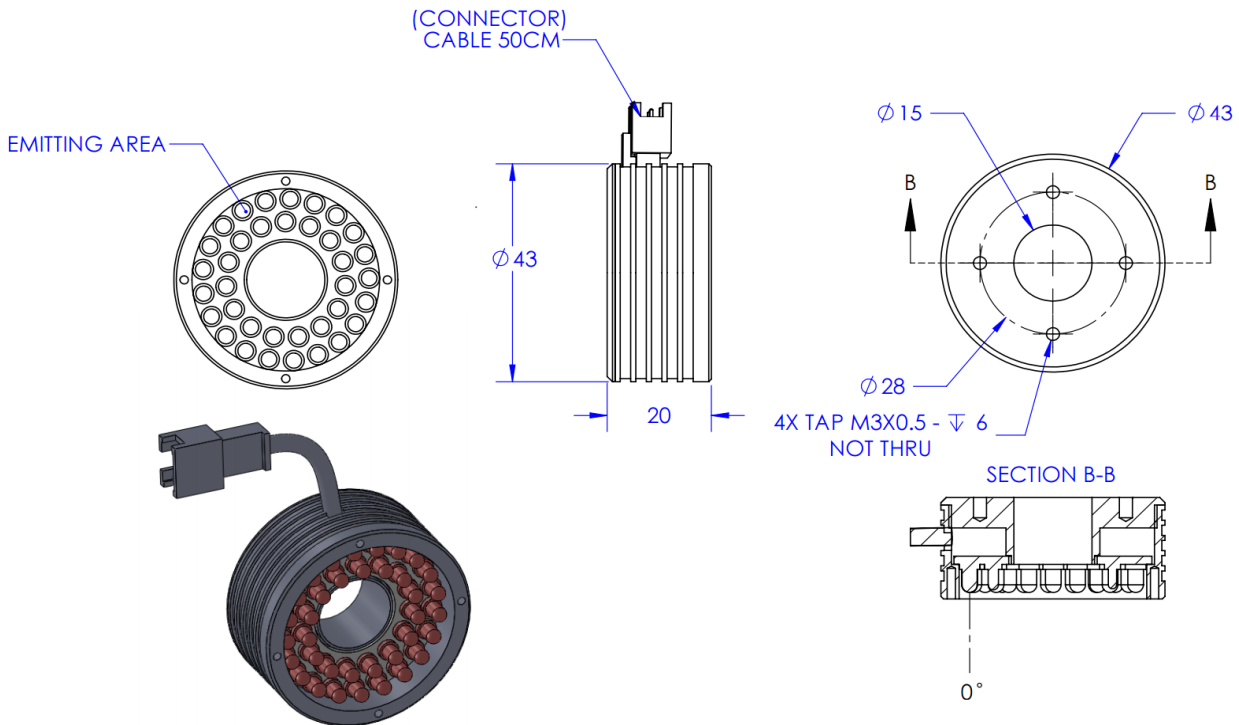
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	40 g
Length / Outer Diameter	43 mm
Width / Inner Diameter	15 mm
Thickness / Height	20 mm

ILLUMINATOR DATA-ID

LSW-00-040-2-W-24V

Optical Information						
Part Number		LSW-00-040-2-W-24V				
LED Color		WHITE				
Wavelength	(nm)	* Refer to the Chromaticity Table Below				
Intensity (±15%)	(Lux)	43300	38200	33900	48100	30200
Working Distance	(mm)	44	49	54	39	59
Illumination (number of row)		2				
Illumination Active Area						
Active Length / Outer Diameter	(mm)	36				
Active Width / Inner Diameter	(mm)	16				
Emission angle	(deg.)	0				
Eye Safety Class (IEC62471)		EXEMPT				

*CHROMATICITY TABLE

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		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	75
Power Consumption	(W)	1.8
Lighting casing temperature, Operating after 60 minutes	°C	48.3

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)	225
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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