LSW-00-040-2-B-24V

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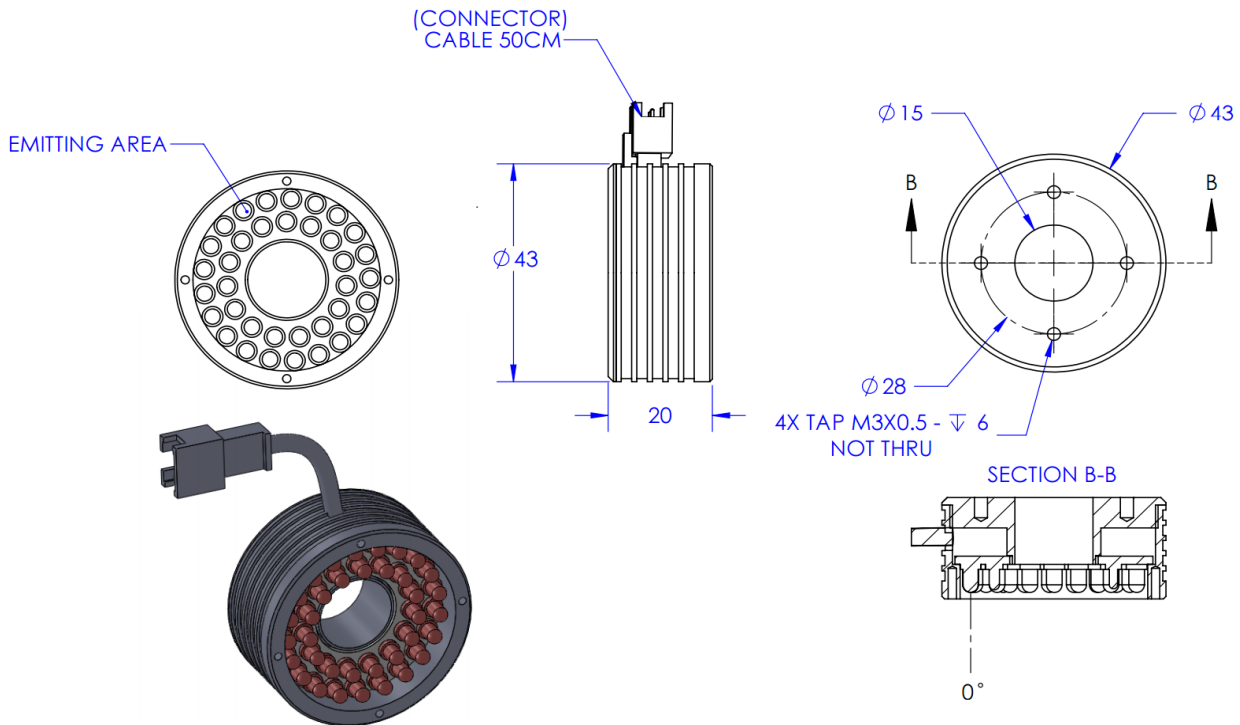
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	40 g
Length / Outer Diameter	43 mm
Width / Inner Diameter	15 mm
Thickness / Height	20 mm

LSW-00-040-2-B-24V

Optical Information				
Part Number		LSW-00-040-2-B-24V		
LED Color		BLUE		
Wavelength	(nm)	470		
Intensity (±15%)	(Lux)	19500	18000	16800
Working Distance	(mm)	65	70	75
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		

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	58

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.

VISION CONSULTANCY

MAKING THE UNSEEN VISIBLE

Thank you for downloading this document from
www.machine-vision-shop.com

If you have any questions, you need help composing the
right package for your application or do you want to order?

Feel free to contact us via e-mail at sales@vision-
consultancy.nl or visit our webshop.

Our vision experts are happy to help you.

Natascha Overhof

Christian Crompvoets

VISION CONSULTANCY

Robert Schumandomein 2
6229 ES Maastricht
The Netherlands

+31 (0) 438 522 651

sales@vision-consultancy.nl
www.machine-vision-shop.com

Scan me to visit
machine-vision-shop