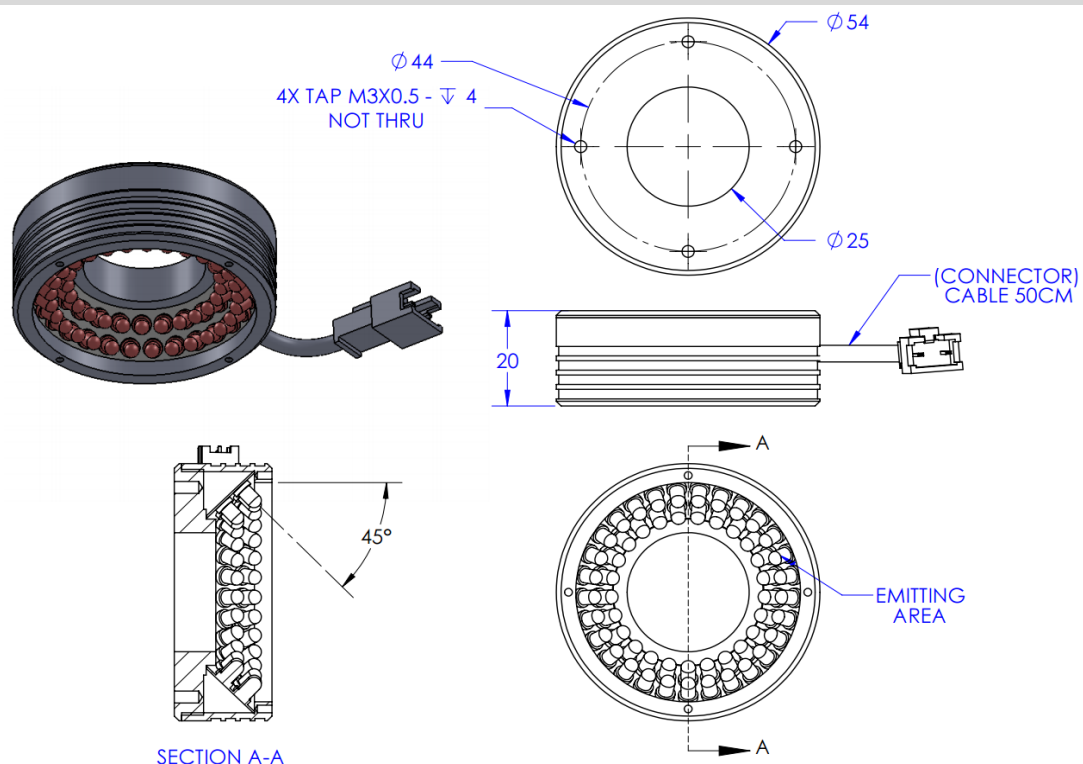




ILLUMINATOR DATA-ID

LSW-45-050-2-G-24V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	70 g
Length / Outer Diameter	54 mm
Width / Inner Diameter	25 mm
Thickness / Height	20 mm



ILLUMINATOR DATA-ID

LSW-45-050-2-G-24V

Optical Information						
Part Number		LSW-45-050-2-G-24V				
LED Color		GREEN				
Wavelength	(nm)	525				
Intensity (±15%)	(Lux)	103600	107900	110000	90800	68900
Working Distance	(mm)	2	7	12	17	22
Illumination (number of row)		2				
Illumination Active Area						
Active Length / Outer Diameter	(mm)	46				
Active Width / Inner Diameter	(mm)	30.7				
Emission angle	(deg.)	45				
Eye Safety Class (IEC62471)		EXEMPT				
Electrical Information						
Lighting Supply Voltage (constant voltage mode)		24V ± 2%				
Continuous Current	(mA)	120				
Power Consumption	(W)	2.88				
Lighting casing temperature, Operating after 60 minutes	°C	54.7				
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)	360				
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				
Application Use		Substrate inspection, label inspection, flat surface, fiducially recognition.				