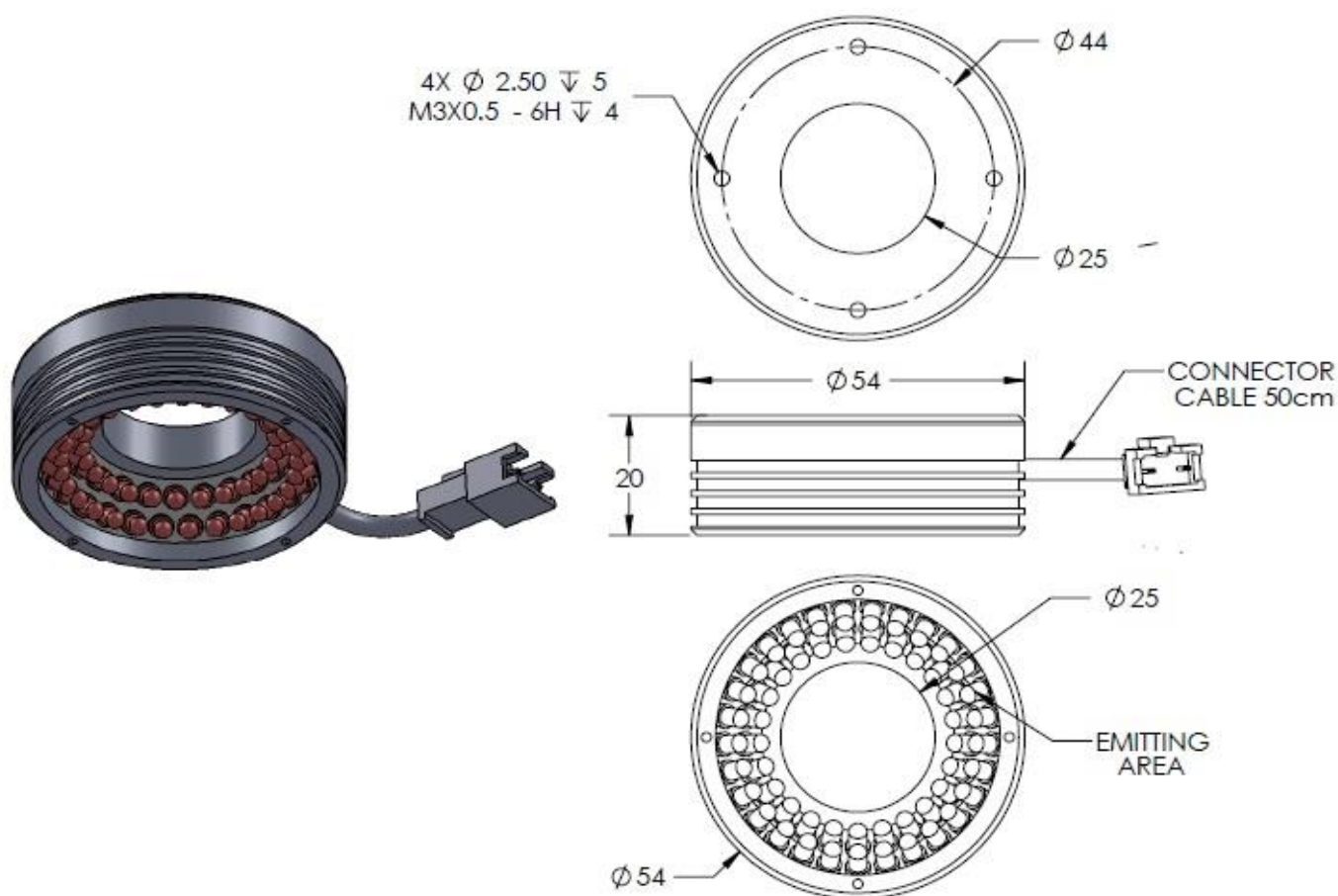




ILLUMINATOR DATA

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
Outer Diameter	54 mm
Inner Diameter	25 mm
Thickness	20 mm



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)	107900	110000	90800	103600	68900	-
Working Distance	(mm)	7	12	17	2	22	-
Illumination (number of row)		2					
Illumination Active Area							
Active Outer Diameter	(mm)	51					
Active Inner Diameter	(mm)	30.7					
Emission angle	(deg.)	45					
Eye Safety Class (IEC62471)		II					
Electrical Information							
Lighting Supply Voltage (constant voltage mode)		24V ± 2%					
Continuous Current	(mA)	120					
Power Consumption	(W)	2.88					
LED temperature, Operating after 60 minutes	°C	62.3					
Lighting casing temperature, after 60 minutes	°C	54.7					
Strobe Mode Specification							
Pulse Operation		YES					
Max. Lighting Supply Voltage (Constant	(V)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle					
Pulse Current, (Max. 10msec) 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					
Life span in continuous mode		20,000 hours (drop to 50% intensity) at 25°C					
Life span in strobe mode		Est. >50,000 hours (drop to 50% intensity) at 25°C					
Intensity Controller Selection		ANG-Series, LC-Series, STB-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							
Optimal Working Distance	(mm)	2 - 22					