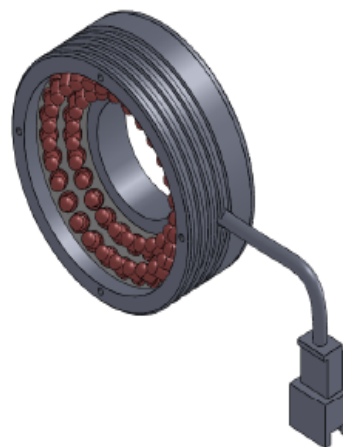
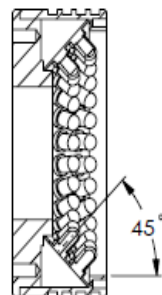
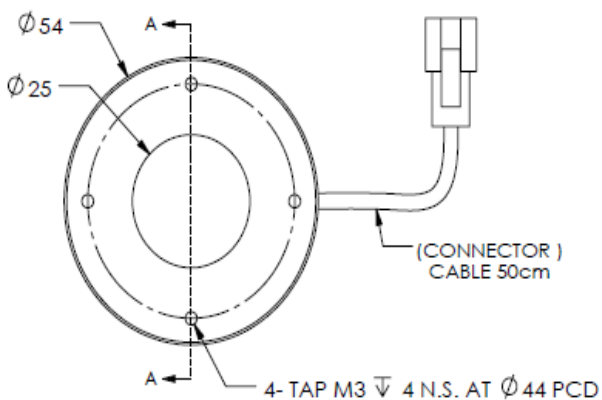




ILLUMINATOR DATA

LSW-45-050-2-W-24V


Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	-
Outer Diameter	54
Inner Diameter	25
Thickness	20



LSW-45-050-2-W-24V

Optical Information					
Part Number	LSW-45-050-2-W-24V				
LED Color	WHITE				
Wavelength	(nm)	* Refer to the Chromaticity Table below			
Intensity	(Lux)	199900	156000	122500	
Working Distance	(mm)	18	23	28	
Illumination (number of row)		2			
Illumination Active Area					
Active Inner Diameter	(mm)	25			
Active Outer Diameter	(mm)	51.6			
Emission angle	(deg.)	45			
Eye Safety Class		II			
*CHROMATICITY TABLE					
X	0.296	0.287	0.307	0.311	
Y	0.276	0.295	0.315	0.294	
X	0.311	0.307	0.33	0.33	
Y	0.294	0.315	0.339	0.318	
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	46.7			
Lighting casing temperature, Operating after 60 minutes	°C	43.9			
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			
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)	18 - 28			