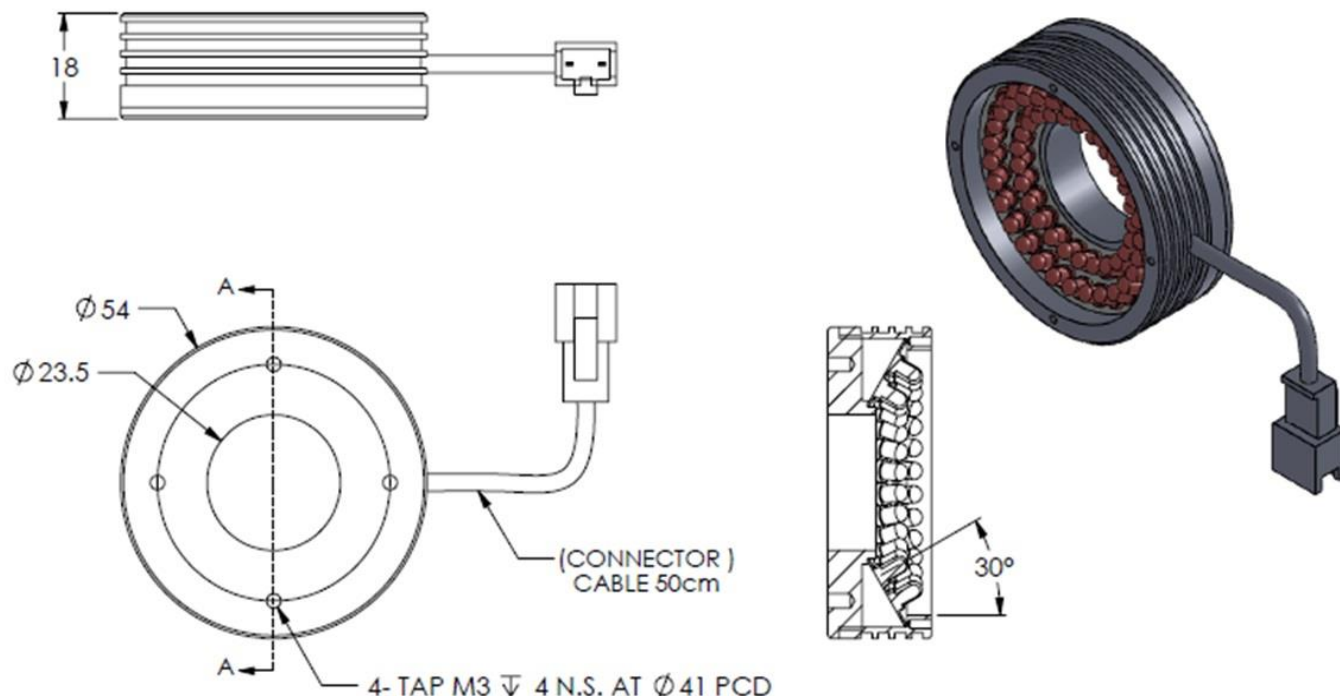




ILLUMINATOR DATA

LSW-30-050-2-B-24V


Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	60 g
Outer Diameter	54 mm
Inner Diameter	23.5 mm
Thickness	18 mm



LSW-30-050-2-B-24V

Optical Information				
Part Number		LSW-30-050-2-B-24V		
LED Color		BLUE		
Wavelength	(nm)	470		
Intensity (±15%)	(Lux)	189200	151100	101300
Working Distance	(mm)	29	34	39
Illumination (number of row)		2		
Illumination Active Area				
Active Outer Diameter	(mm)	51		
Active Inner Diameter	(mm)	28.3		
Emission angle	(deg.)	30		
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	64.3		
Lighting casing temperature, after 60 minutes	°C	54.5		
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) (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)	29 - 39		