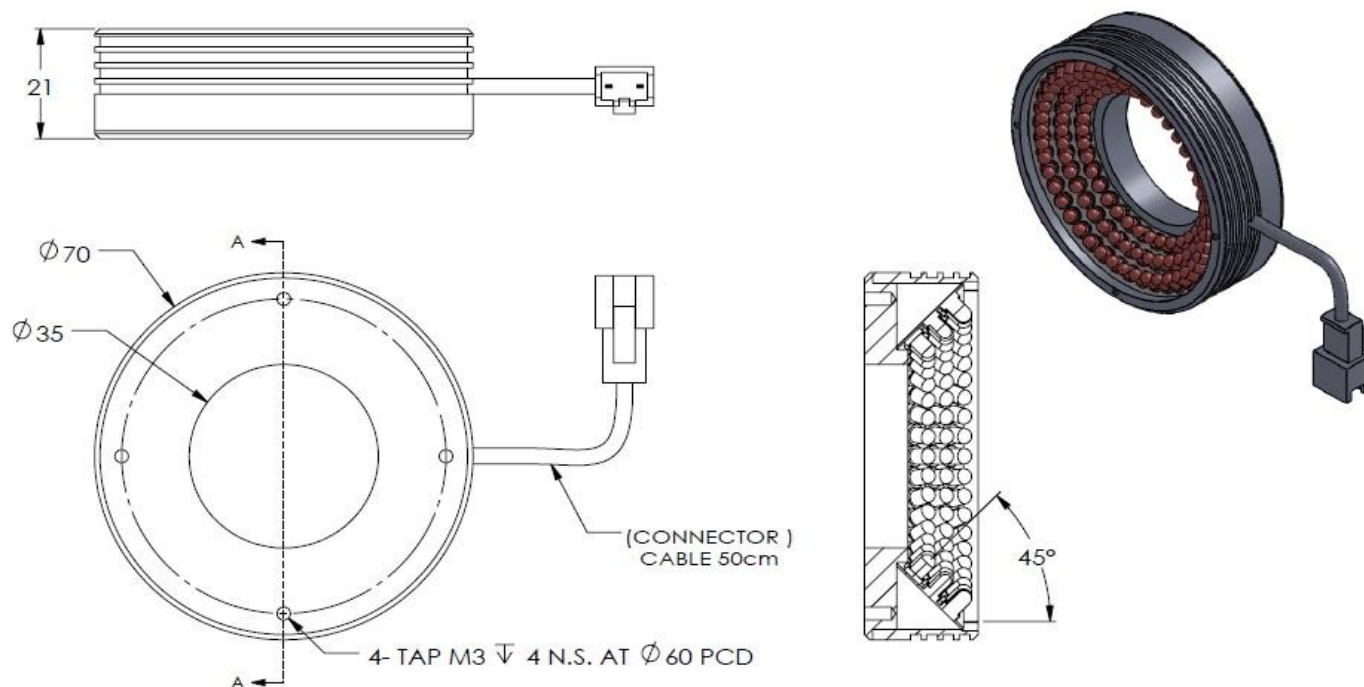




# ILLUMINATOR DATA

## LSW-45-070-3-W-24V


### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	120g
Outer Diameter	70 mm
Inner Diameter	35 mm
Thickness	21 mm



# LSW-45-070-3-W-24V

Optical Information											
Part Number		LSW-45-070-3-W-24V									
LED Color		WHITE									
Wavelength	(nm)	*Refer to the Chromaticity Table below									
Intensity ( ±15%)	(Lux)	195500				160400			138600		
Working Distance	(mm)	23				28			33		
Illumination (number of row)		3									
Illumination Active Area											
Active Inner Diameter	(mm)	35									
Active Outer Diameter	(mm)	67									
Emission angle	(deg.)	45									
Eye Safety Class ( IEC62471 )		II									
*CHROMATICITY TABLE		X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33
		Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
Electrical Information											
Lighting Supply Voltage (constant voltage mode)		24V ± 2%									
Continuous Current	(mA)	240									
Power Consumption	(W)	5.76									
Lighting casing temperature, after 60 minutes	Operating °C	76									
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)	720									
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)	23 - 33									