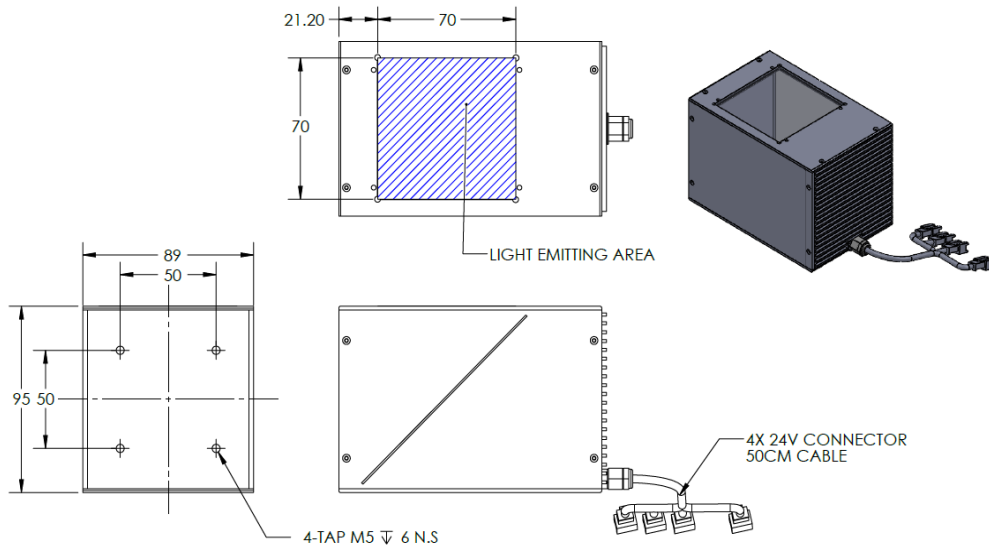




ILLUMINATOR DATA (ID)

CAS2-00-070-X-RGBW-24V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	360g
Length / Outer Diameter	137.1mm
Width / Inner Diameter	95mm
Thickness / Height	89mm



ILLUMINATOR DATA (ID)

CAS2-00-070-X-RGBW-24V

Optical Information																																
Part Number	CAS2-00-070-X-RGBW-24V																															
LED Color	RED			GREEN			BLUE			WHITE																						
Wavelength	(nm)	630			525			470			*Refer chromaticity table																					
Intensity (±15)	(Lux)	296	2370	2030	8000	6500	5480	8100	6500	5000	4280	3550	3000																			
Working Distance	(mm)	40	50	60	40	50	60	40	50	60	40	50	60																			
Illumination (number of row)	X																															
Illumination Active Area																																
Active Length / Outer Dia.	(mm)	70																														
Active Width / Inner Dia.	(mm)	70																														
Emission angle	(deg.)	0																														
Eye Safety Class (IEC62471)	EXEMPT			EXEMPT			II			EXEMPT																						
*CHROMATICITY TABLE	<table border="1"> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> <td>X</td> <td>0.311</td> <td>0.307</td> <td>0.33</td> <td>0.33</td> </tr> <tr> <td>Y</td> <td>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> </tr> </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
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)	320			320			280			240																					
Power Consumption	(W)	7.68			7.68			6.72			5.76																					
Lighting casing temperature, Operating after 60 minutes	°C	51																														
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)	960			960			840			720																					
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, SD, SDA and ST 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	Coaxial Illumination																															
Application Use	Surface inspection and alignment, wafer, metal surface, film, LCD, And glass, pattern on PCB																															



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