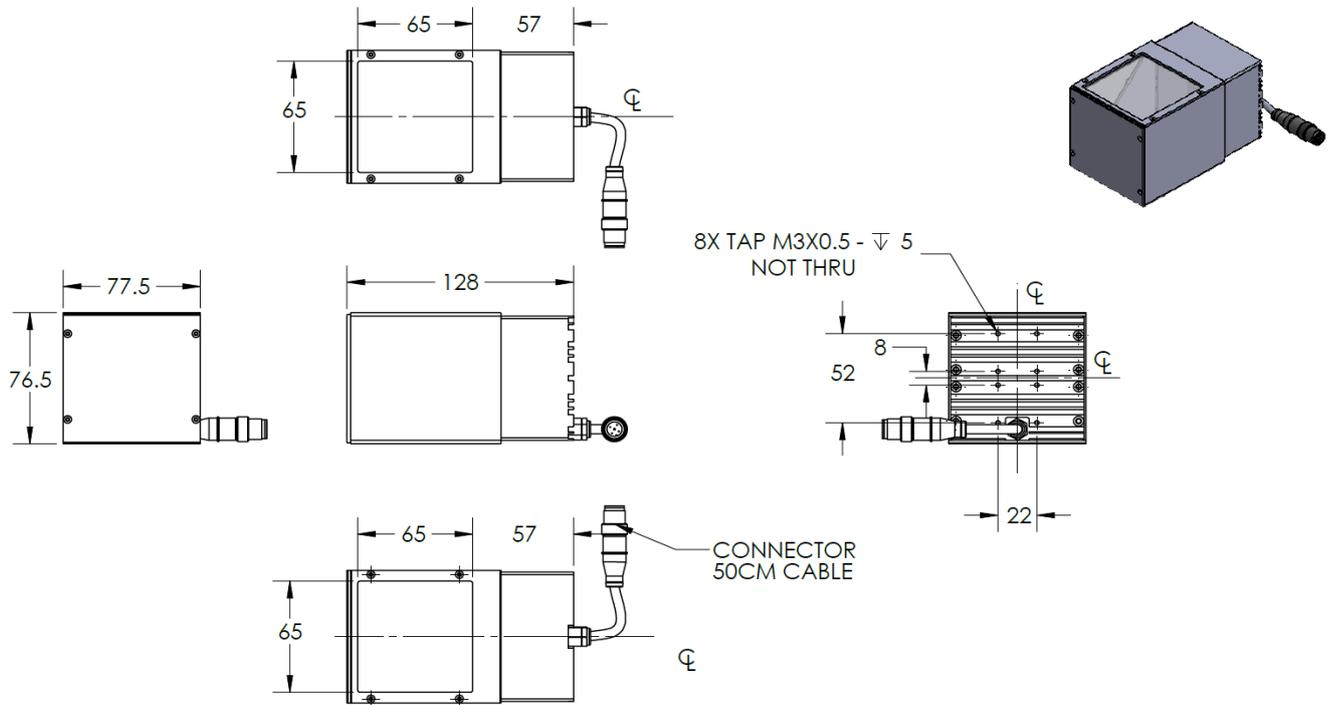


## MCAx-00-070-X-R-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	580 g
Length / Outer Diameter	128 mm
Width / Inner Diameter	77.5 mm
Thickness / Height	76.5 mm



## MCAX-00-070-X-R-24V

Optical Information			
Part Number	MCAX-00-070-X-R-24V		
LED Colour	RED		
Wavelength	(nm)	630	
Intensity ( ±15%)	(Lux)	5810	5012      2828
Working Distance	(mm)	20	35      50
Illumination (number of rows)	X		
Illumination Active Area			
Active Length / Outer Diameter	(mm)	65	
Active Width / Inner Diameter	(mm)	65	
Emission Angle	(deg.)	0	
Eye Safety Class ( IEC62471)	EXEMPT		
Electrical Information			
Lighting Supply Voltage (constant voltage mode)	24V ± 2%		
Continuous Current	(mA)	330	
Power Consumption	(W)	7.92	
Lighting Casing Temperature, Operating after 60 minutes	°C	53.4	
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. 10 msec) (constant current power supply)	(mA)	990	
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	SD and SDA Series		
CE Conformity	YES		
RoHS Compliance	YES		
Connection			
Connector Type (default)	M12 5 PIN CONNECTOR (MALE)		
Cable Length (out from lighting)	( mm )	700	
Pin Configuration		Pin	Signal
		1	24V
		2	-
		3	GND
		4	-
		5	-
			Cable Colour
			BROWN
			WHITE
			BLUE
			BLACK
			GRAY
Extension Cable			
Connector Type (default)	M12 5 PIN CONNECTOR (FEMALE)		
Part Number	EXT-FL-M12F-3M-24V		
Cable Length (out from female connector)	(mm)	3000	
Extension Cable (connect to M12 5 Pin Male Connector from lighting)			
Application			
Illumination Type	Coaxial Illumination		
Application Use	Surface inspection and alignment, wafer, metal surface, film, LCD and glass, pattern on PCB.		