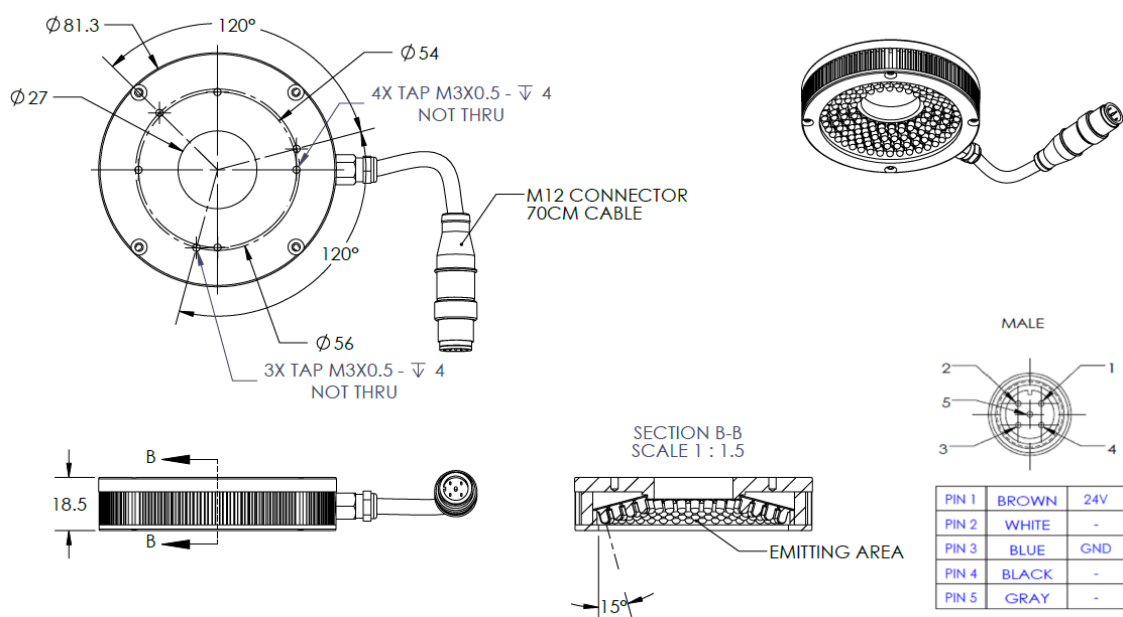


## MLSW-15-080-4-W-24V

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	160 g
Length / Outer Diameter	81.3 mm
Width / Inner Diameter	27 mm
Thickness / Height	18.5 mm



## MLSW-15-080-4-W-24V

Optical Information																										
Part Number		MLSW-15-080-4-W-24V																								
LED Colour		WHITE																								
Wavelength	(nm)	* Refer to the Chromaticity Table Below																								
Intensity ( ±15%)	(Lux)	16980	11880	8860																						
Working Distance	(mm)	63	83	105																						
Illumination (number of rows)		4																								
Illumination Active Area																										
Active Length / Outer Diameter	(mm)	65																								
Active Width / Inner Diameter	(mm)	31.4																								
Emission Angle	(deg.)	15																								
Eye Safety Class ( IEC62471)		EXEMPT																								
*CHROMATICITY TABLE		<table><tr><td>X</td><td>0.296</td><td>0.287</td><td>0.307</td><td>0.311</td></tr><tr><td>Y</td><td>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td></tr></table>			X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	<table><tr><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>0.294</td><td>0.315</td><td>0.339</td><td>0.318</td></tr></table>		X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
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)	264																								
Power Consumption	(W)	6.336																								
Lighting Casing Temperature, Operating after 60 minutes	°C	52.4																								
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)	792																								
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	Cable Colour																						
		1	24V	BROWN																						
		2	-	WHITE																						
		3	GND	BLUE																						
		4	-	BLACK																						
		5	-	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		Direct Illumination																								
Application Use		Substrate inspection, label inspection, flat surface, fiducially recognition.																								