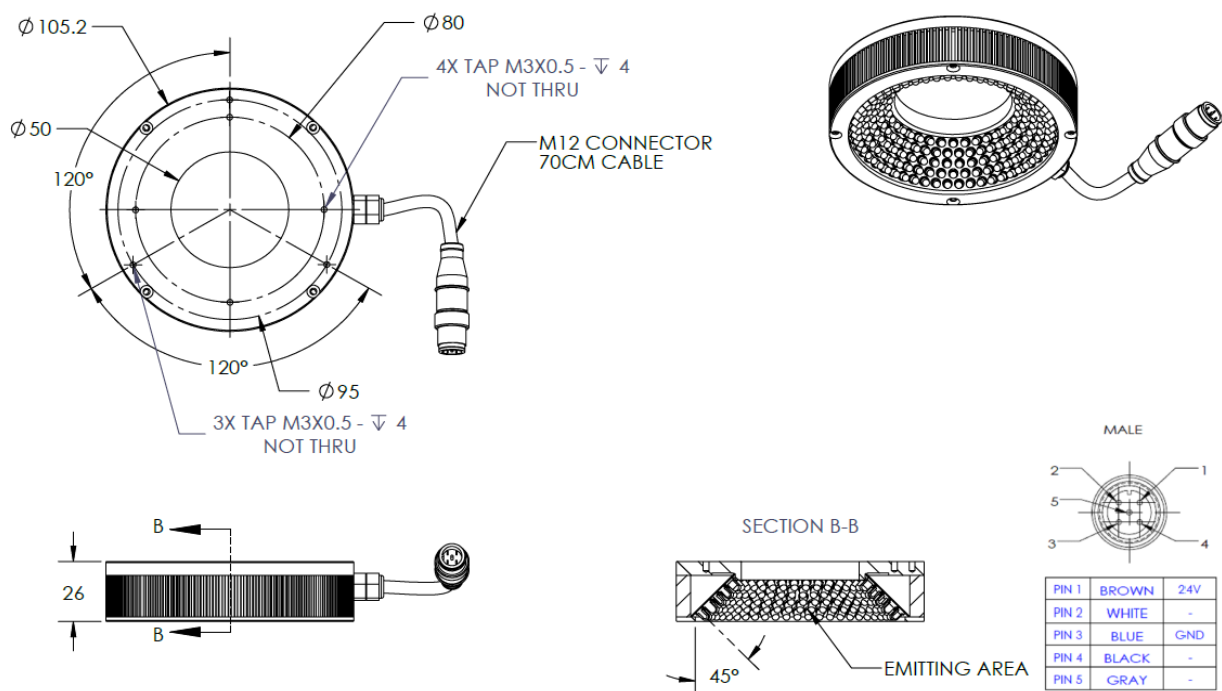


MLSW-45-100-5-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	245 g
Length / Outer Diameter	105.2 mm
Width / Inner Diameter	50 mm
Thickness / Height	26 mm



MLSW-45-100-5-W-24V

Optical Information																										
Part Number		MLSW-45-100-5-W-24V																								
LED Colour		WHITE																								
Wavelength	(nm)	* Refer to the Chromaticity Table Below																								
Intensity (±15%)	(Lux)	75900	66900		62000																					
Working Distance	(mm)	16	25		34																					
Illumination (number of rows)		5																								
Illumination Active Area																										
Active Length / Outer Diameter	(mm)	95																								
Active Width / Inner Diameter	(mm)	57																								
Emission Angle	(deg.)	45																								
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> <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	0.296	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
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Electrical Information																										
Lighting Supply Voltage (constant voltage mode)		24V ± 2%																								
Continuous Current	(mA)	444																								
Power Consumption	(W)	10.66																								
Lighting Casing Temperature, Operating after 60 minutes	°C	53.6																								
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)	1332																								
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, ST, 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.																								