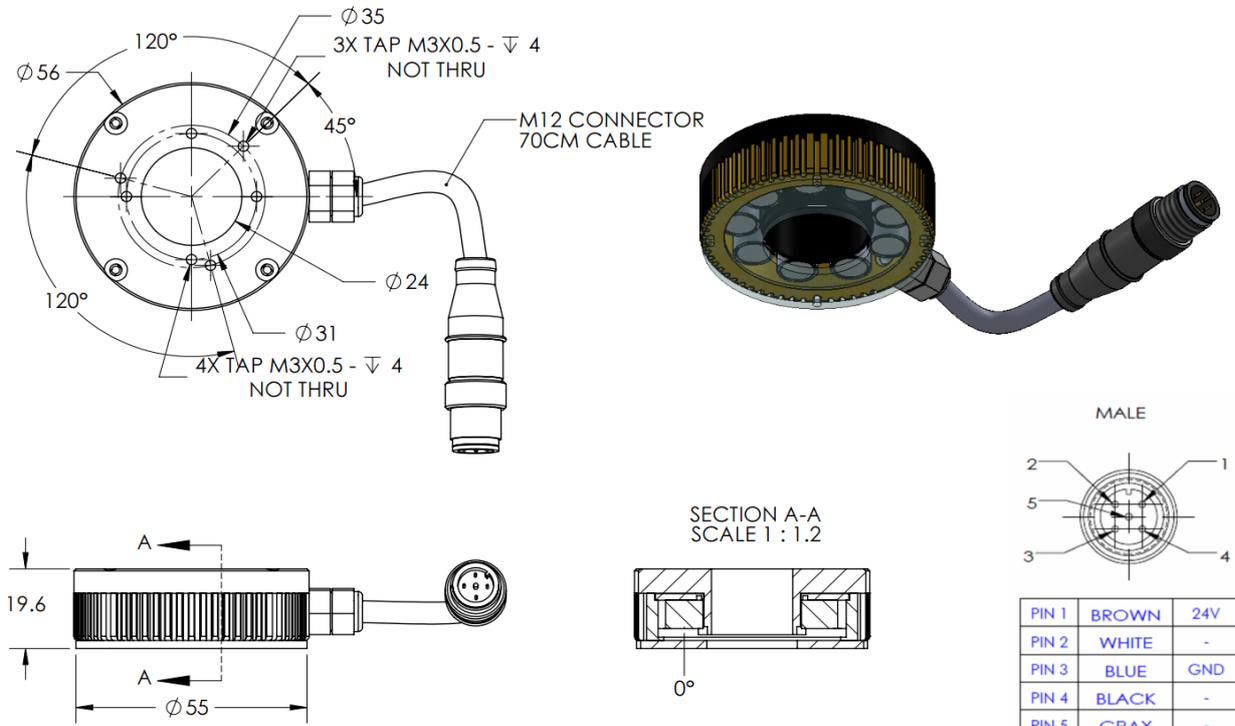


HLSW-00-050-1-W-24V

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0-60°C, Humidity 20-85%
Weight	110 g
Length / Outer Diameter	56 mm
Width / Inner Diameter	24 mm
Thickness / Height	19.6 mm



HLSW-00-050-1-W-24V

Optical Information		HLSW-00-050-1-W-24V																												
Part Number		HLSW-00-050-1-W-24V																												
LED Colour		WHITE																												
Wavelength	(nm)	* Refer to the Chromaticity Table Below																												
Intensity (±15%)	(Lux)	59400	56700	52400																										
Working Distance	(mm)	38	48	58																										
Illumination (number of rows)		1																												
Illumination Active Area																														
Active Length	(mm)	44.5																												
Active Width	(mm)	25.6																												
Emission Angle	(deg.)	0																												
Eye Safety Class (IEC62471)		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></td> </tr> <tr> <td>Y</td> <td>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td></td> </tr> </table> <table border="1"> <tr> <td>X</td> <td>0.311</td> <td>0.307</td> <td>0.33</td> <td>0.33</td> <td></td> </tr> <tr> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> <td></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)	135																												
Power Consumption	(W)	3.24																												
Lighting Casing Temperature, Operating after 60 minutes	°C	59.1																												
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)	405																												
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/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.																												

HLSW-00-050-1-W-24V

