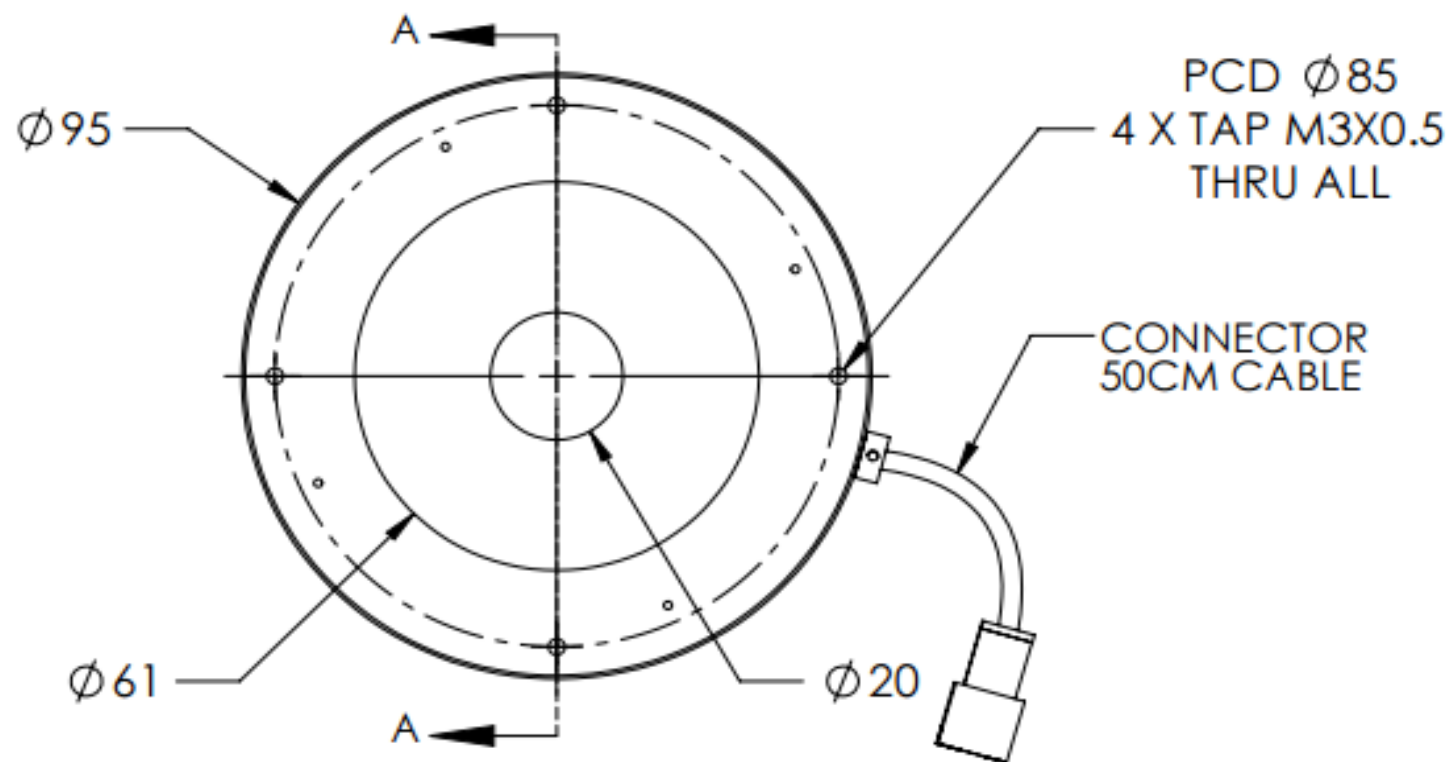
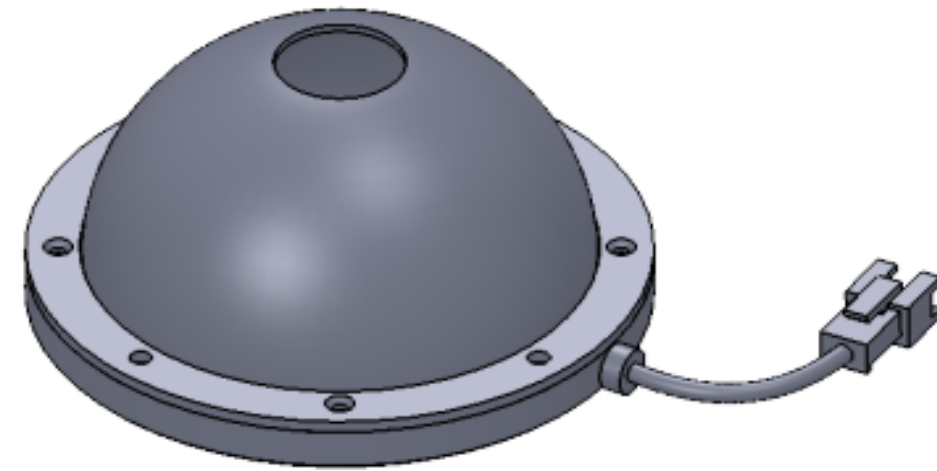
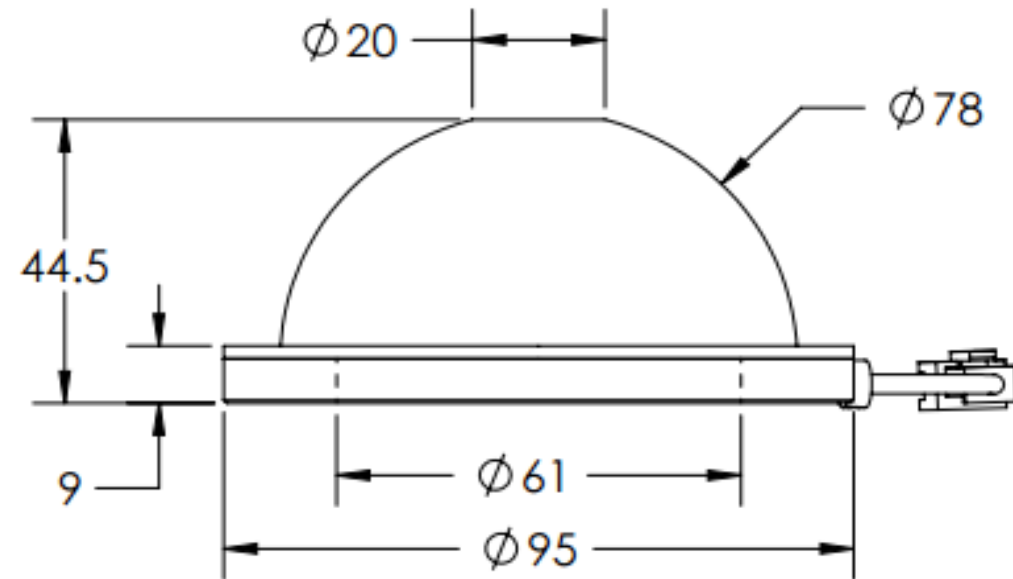




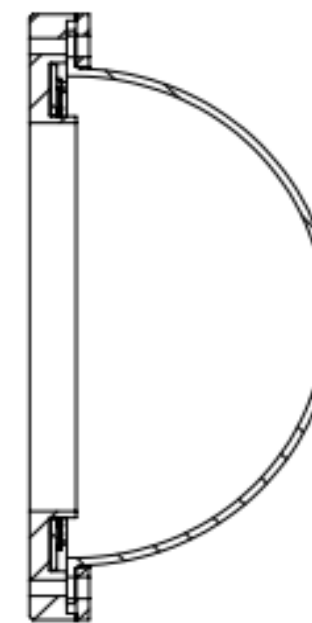
ILLUMINATOR DATA-ID

IDS5-00-070-1-W-12V

Lighting Dimension



SECTION A-A
SCALE 1 : 1.5



ROHS COMPLIANT CE

Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	115 g
Length / Outer Diameter	95 mm
Width / Inner Diameter	20 mm
Thickness / Height	44.5 mm



ILLUMINATOR DATA-ID

IDS5-00-070-1-W-12V

Optical Information																													
Part Number		IDS5-00-070-1-W-12V																											
LED Color		WHITE																											
Wavelength	(nm)	* Refer to the Chromaticity Table Below																											
Intensity (±15%)	(Lux)	TBA		TBA		TBA																							
Working Distance	(mm)	20		30		40																							
Illumination (number of row)		X																											
Illumination Active Area																													
Active Length / Outer Diameter	(mm)	61																											
Active Width / Inner Diameter	(mm)	20																											
Emission angle	(deg.)	0																											
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)		12V ± 2%																											
Continuous Current	(mA)	TBA																											
Power Consumption	(W)	TBA																											
Lighting casing temperature, Operating after 60 minutes	°C	TBA																											
Strobe Mode Specification																													
Pulse Operation		YES																											
Max. Lighting Supply Voltage (Constant voltage power supply)	(V)	Pulsing at 12VDC to 24VDC, 0-10% Duty Cycle, Recommended at 18VDC																											
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	TBA																											
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):		JST SMR-02V																											
Cable Length out from lighting :	(mm)	500																											
Pin Configuration :		Pin	Signal		Cable Color																								
		1	LED +		RED																								
		2	LED -		WHITE																								
																													
Application																													
Illumination Type		Indirect Illumination																											
Applicattion Use		Crack, chip, stains on circular or cylindrical objects, solder inspection and substract inspection.																											



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