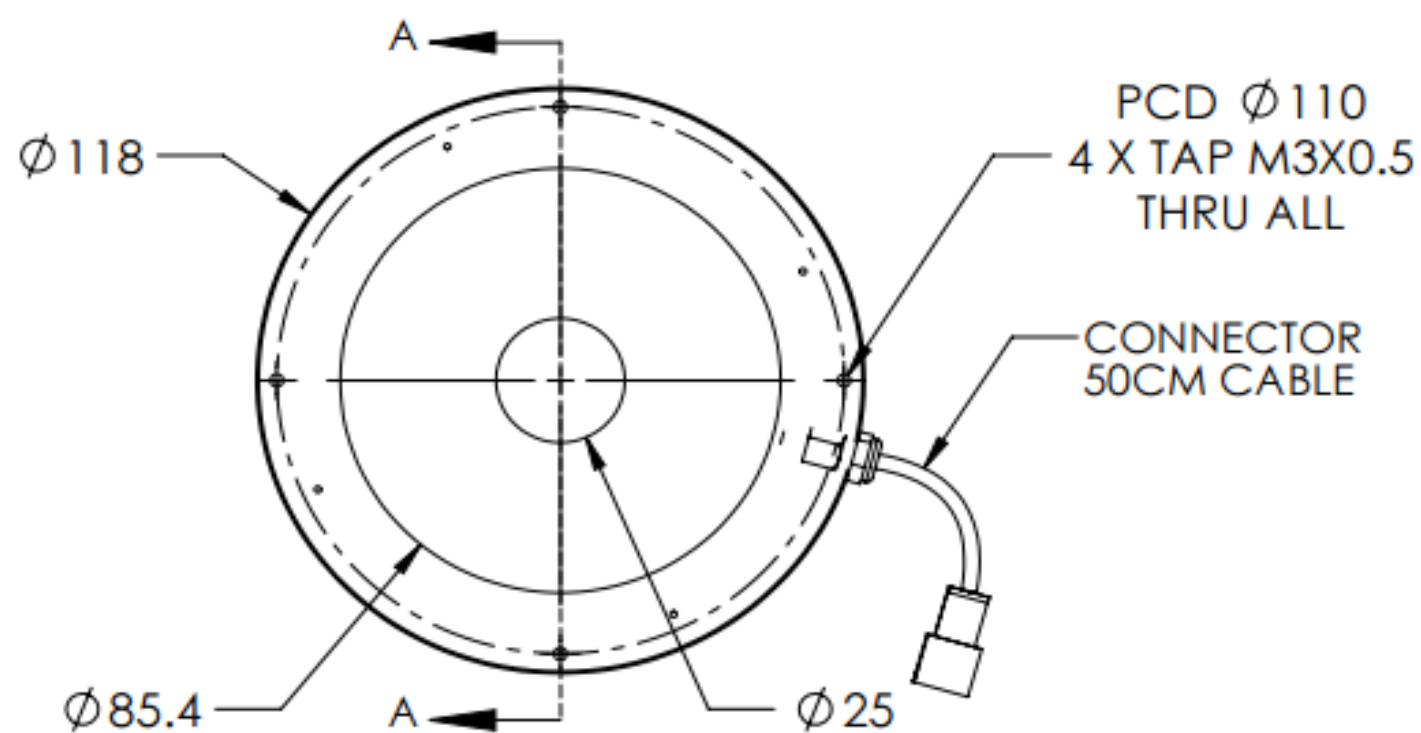
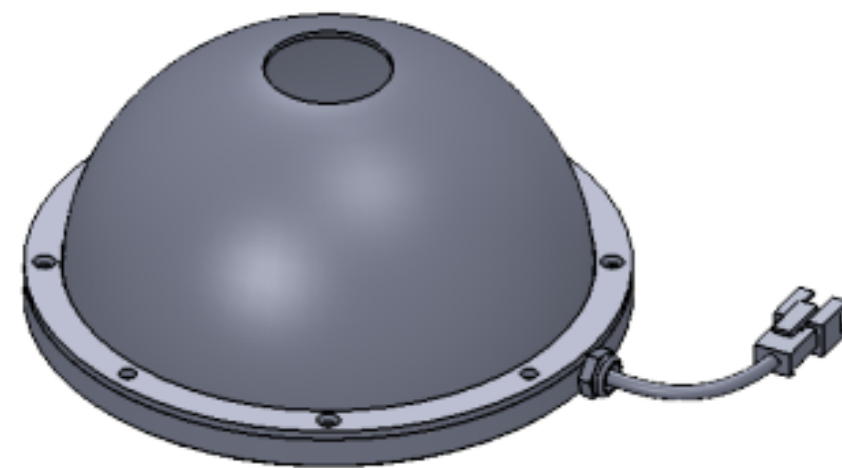
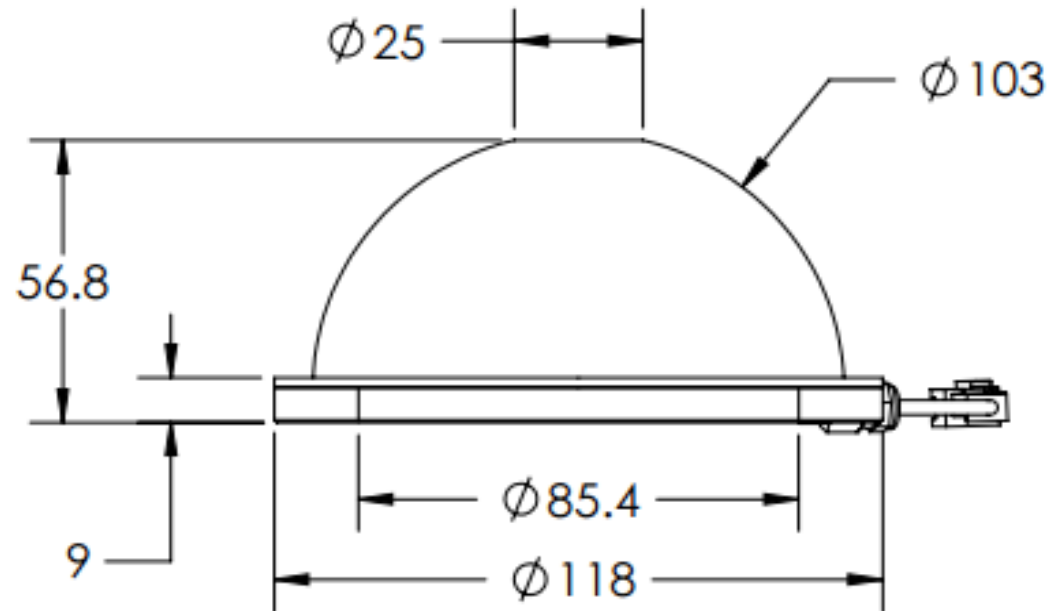




ILLUMINATOR DATA-ID

IDS5-00-100-1-W-12V

Lighting Dimension



SECTION A-A



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	152 g
Length / Outer Diameter	118 mm
Width / Inner Diameter	25 mm
Thickness / Height	56.8 mm



ILLUMINATOR DATA-ID

IDS5-00-100-1-W-12V

Optical Information																															
Part Number		IDS5-00-100-1-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)	85.4																													
Active Width / Inner Diameter	(mm)	25																													
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><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>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td><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	X	0.311	0.307	0.33	0.33	Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33																						
Y	0.276	0.295	0.315	0.294	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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