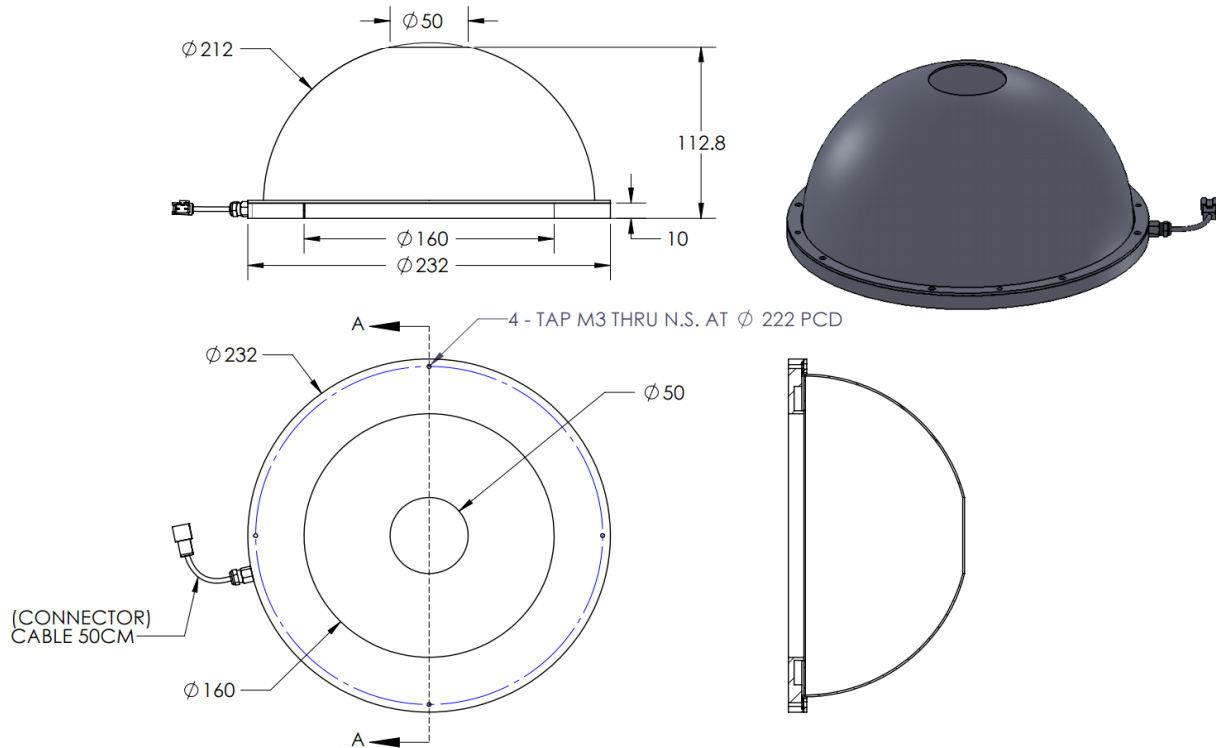




ILLUMINATOR DATA-ID

IDS5-00-200-1-IR850-24V

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	520 g
Length / Outer Diameter	232 mm
Width / Inner Diameter	50 mm
Thickness / Height	112.8 mm



ILLUMINATOR DATA-ID

IDS5-00-200-1-IR850-24V

Optical Information			
Part Number		IDS5-00-200-1-IR850-24V	
LED Color		IR	
Wavelength	(nm)	850	
Intensity (±15%)	(Lux)	NA	
Working Distance	(mm)	NA	
Illumination (number of row)			
Illumination Active Area			
Active Length / Outer Diameter	(mm)	160	
Active Width / Inner Diameter	(mm)	50	
Emission angle	(deg.)	0	
Eye Safety Class (IEC62471)		EXEMPT	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	1250	
Power Consumption	(W)	30	
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 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC	
Pulse Current, (Max. 10msec) (Constant current power supply)	(mA)	3750	
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-03V	
Cable Length out from lighting :	(mm)	500	
Pin Configuration :		Pin	Signal
		1	LED +
		2	N.C.
		3	LED -
			Cable Color
			RED

			WHITE
			
Application			
Illumination Type		Indirect Illumination	
Application Use		Crack, chip, stains on circular or cylindrical objects, solder inspection and subtract inspection.	