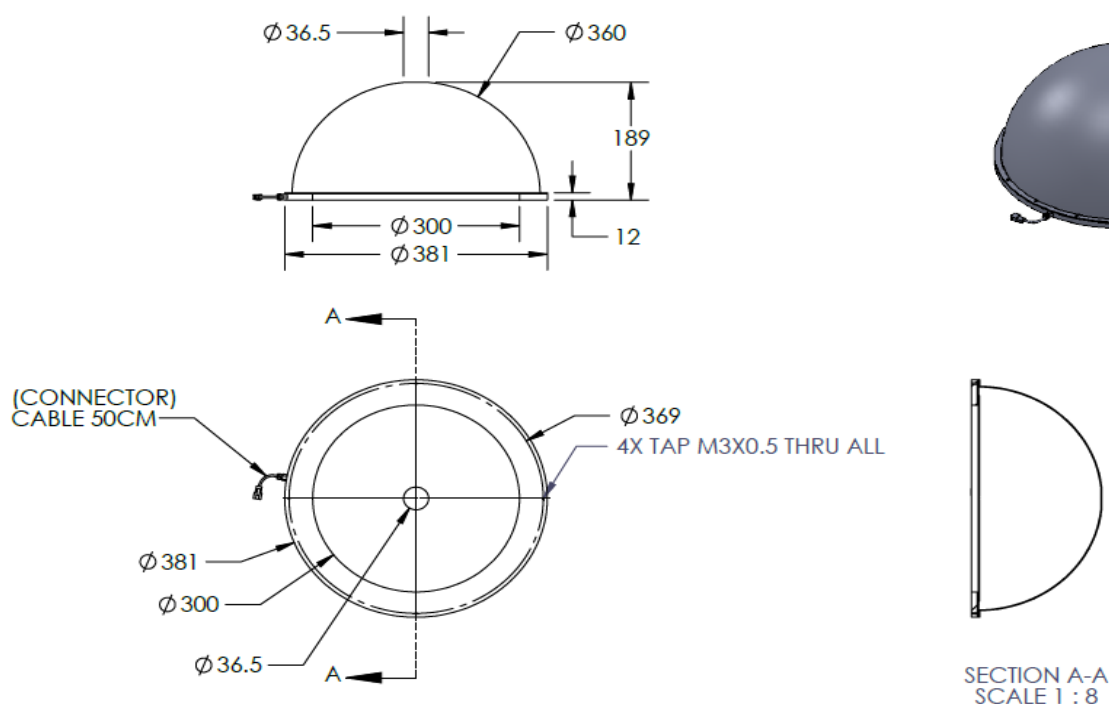




ILLUMINATOR DATA - ID

IDS4-00-360-X-W-24V (DRAFT)

Lighting Dimension




Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	1800g
Length / Outer Diameter	381 mm
Width / Inner Diameter	36.5 mm
Thickness	189 mm



ILLUMINATOR DATA - ID

IDS4-00-360-X-W-24V (DRAFT)

Optical Information				
Part Number		IDS4-00-360-X-W-24V		
LED Color		WHITE		
Wavelength	(nm)	*Refer to the Chromaticity Table below		
Intensity (±15%)	(Lux)	TBA	TBA	TBA
Working Distance	(mm)	45	65	95
Illumination (number of row)		X		
Illumination Active Area				
Active Length / Outer Dia.	(mm)	381		
Active Width / Inner Dia.		300		
Emission angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		
*CHROMATICITY TABLE				
X	0.3068	0.3028	0.3221	0.3205
Y	0.3113	0.3304	0.3262	0.3481
Electrical Information				
Lighting Supply Voltage (constant voltage mode)		24V ± 2%		
Continuous Current	(mA)	1550		
Power Consumption	(W)	37.2		
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)	21600		
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		ANGX, ST and SD 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	Cable Color
		1	LED +	RED
		2	N.C.	---
		3	LED -	WHITE
				
Application				
Illumination Type		Indirect Illumination		
Application Use		Crack, chip, stains on circular or cylindrical objects, solder inspection and substrate inspection.		