ILLUMINATOR DATA-ID
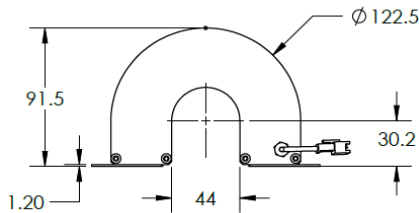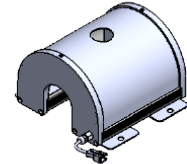
IDT3-00-120-1-G-24V

Lighting Dimension
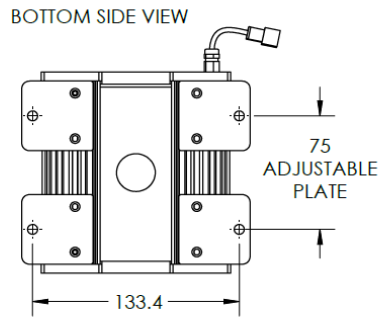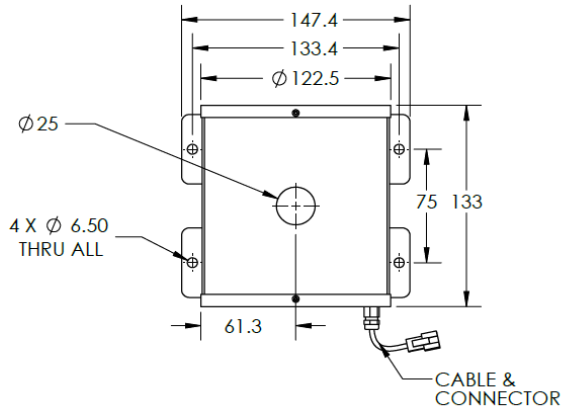
Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	710 g
Length / Outer Diameter	133 mm
Width / Inner Diameter	147.4 mm
Thickness / Height	91.5 mm

IDT3-00-120-1-G-24V

Optical Information				
Part Number		IDT3-00-120-1-G-24V		
LED Color		GREEN		
Wavelength	(nm)	525		
Intensity (±15%)	(Lux)	TBA	TBA	TBA
Working Distance	(mm)	40	50	60
Illumination (number of row)		1		
Illumination Active Area				
Active Length / Outer Diameter	(mm)	117		
Active Width / Inner Diameter	(mm)	46		
Emission angle	(deg.)	0		
Eye Safety Class (IEC62471)		EXEMPT		

Electrical Information		
Lighting Supply Voltage (constant voltage mode)		24V ± 2%
Continuous Current	(mA)	320
Power Consumption	(W)	7.68
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)	960
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, 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	Cable Color
		1	LED +	RED
		2	N.C.	---
		3	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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