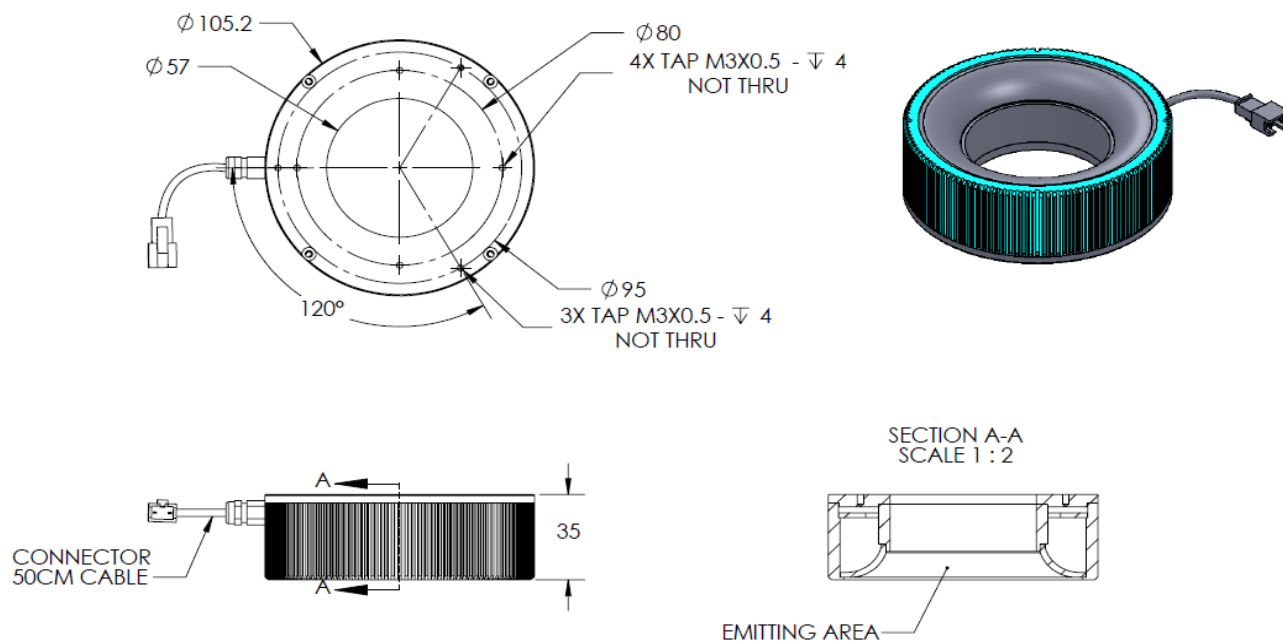




# ILLUMINATOR DATA (ID)

## HPD2-00-100-1-G-24V (DRAFT)


### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	207 g
Outer Diameter	105.2 mm
Inner Diameter	57 mm
Thickness	35 mm



## HPD2-00-100-1-G-24V (DRAFT)

<b>Optical Information</b>				
Part Number		HPD2-00-100-1-G-24V		
LED Color		GREEN		
Wavelength	(nm)	540		
Intensity (±15)	(Lux)	TBA	TBA	TBA
Working Distance	(mm)	18	44	122
Illumination (number of row)		1		
Illumination Active Area				
Active Inner Diameter	(mm)	59		
Active Outer Diameter	(mm)	93.2		
Emission angle	(deg.)	0-90		
Eye Safety Class ( IEC62471 )		EXEMPT		
<b>Electrical Information</b>				
Lighting Supply Voltage (constant voltage mode)		24V ± 2%		
Continuous Current	(mA)	270		
Power Consumption	(W)	6.48		
Lighting casing temperature, Operating after 60 minutes	°C	TBA		
<b>Strobe Mode Specification</b>				
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)	5400		
Max. Trigger Pulse Duration	(msec)	10		
Duty Cycle		0-10%		
<b>Additional Information</b>				
Additional Cooling Method		Attached to machine part for better heat dissipation		
Life span in continuous mode		20,000 hours (drop to 50% intensity) at 25°C		
Life span in strobe mode		Est. >50,000 hours (drop to 50% intensity) at 25°C		
Intensity Controller Selection		ANG series, SD series, ST series & SDA series		
CE Conformity		YES		
RoHS Compliance		YES		
<b>Connection</b>				
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
				
<b>Application</b>				
Illumination Type		Indirect Illumination		
Application Use		Shining surface and food packaging		