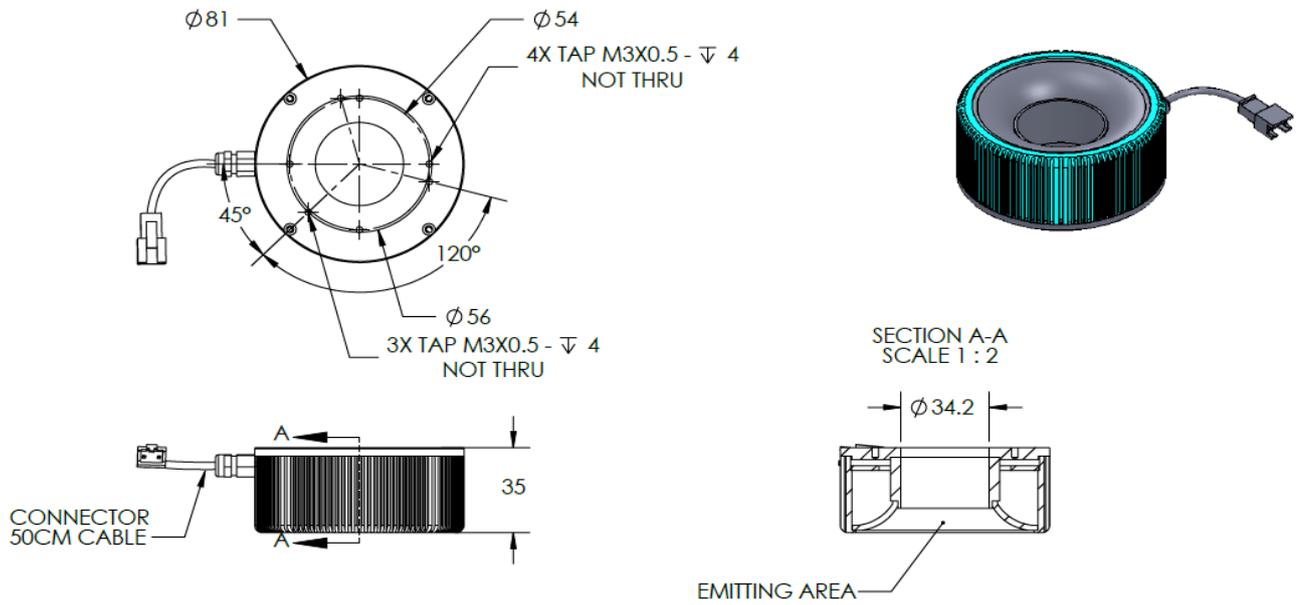




# ILLUMINATOR DATA (ID)

## HPD2-00-080-1-B-24V (DRAFT)

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-45°C, Humidity 20-85%
Weight	154 g
Outer Diameter	81 mm
Inner Diameter	34.2 mm
Thickness	35 mm



## HPD2-00-080-1-B-24V (DRAFT)

Optical Information			
Part Number		HPD2-00-080-1-B-24V	
LED Color		BLUE	
Wavelength	(nm)	450	
Intensity (±15)	(Lux)	TBA	TBA
Working Distance	(mm)	15	40
Illumination (number of row)		1	
Illumination Active Area			
Active Inner Diameter	(mm)	36.2	
Active Outer Diameter	(mm)	69	
Emission angle	(deg.)	0-90	
Eye Safety Class ( IEC62471 )		II	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	180	
Power Consumption	(W)	4.32	
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)	3600	
Max. Trigger Pulse Duration	(msec)	10	
Duty Cycle		0-10%	
Additional Information			
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	
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		Shining surface and food packaging	