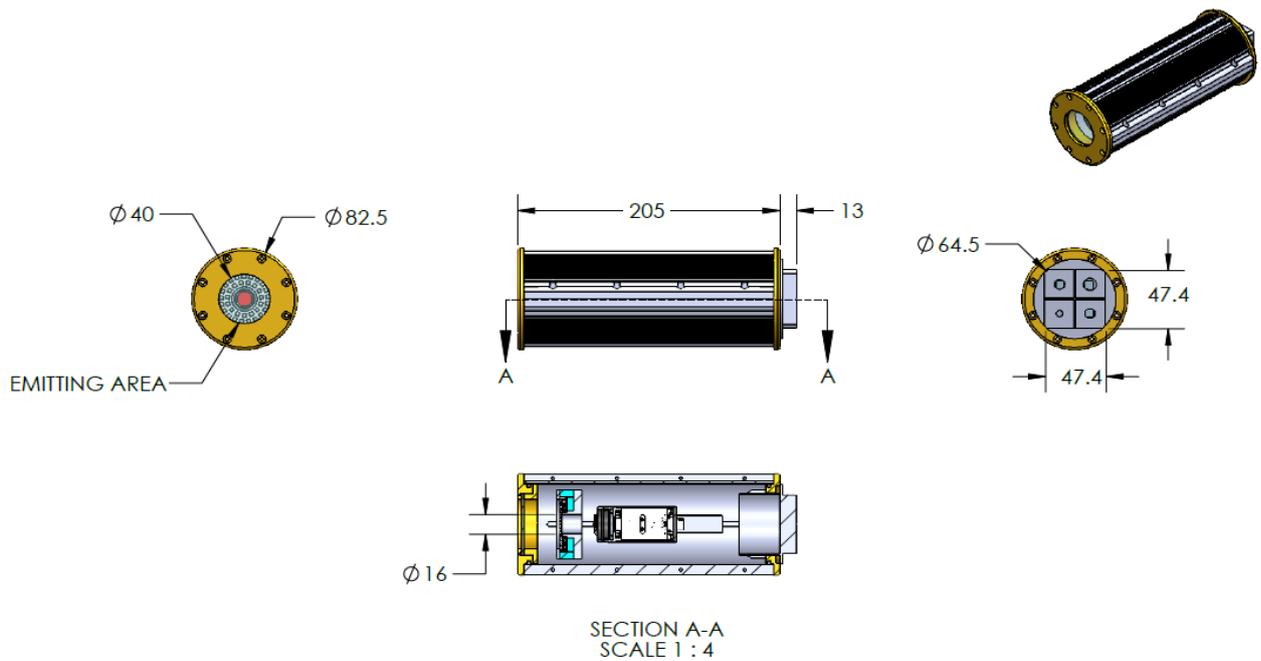


## IPE-80X180-HLW-00-1-W-XXX-XXXX-X

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	TBA
Length / Outer Diameter	82.5 mm
Width / Inner Diameter	28 mm
Thickness / Height	218 mm



## IPE-80X180-HLW-00-1-W-XXX-XXXX-X

Optical Information			
Part Number	IPE-80X180-HLW-00-1-W-XXX-XXXX-X		
LED Colour	WHITE		
Wavelength	(nm)	*Refer to Chromaticity Table below	
Intensity ( ±15%)	(Lux)	TBA	TBA
Working Distance	(mm)	64	69
Illumination (number of rows)		1	
Illumination Active Area			
Active Length / Outer Diameter	(mm)	44	
Active Width / Inner Diameter	(mm)	28.8	
Emission Angle	(deg.)	00	
Eye Safety Class ( IEC62471)		II	
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	105	
Power Consumption	(W)	2.52	
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. 10 msec) (constant current power supply)	(mA)	315	
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, SD, SDA and ST Series	
CE Conformity		YES	
RoHS Compliance		YES	
Connection			
Connector Type (default)		M12 5 PIN CONNECTOR (MALE)	
Cable Length (out from lighting)	( mm )	700	
Pin Configuration		Pin	Signal
		1	24V
		2	-
		3	GND
		4	-
		5	-
			Cable Colour
			BROWN
			WHITE
			BLUE
			BLACK
			GRAY
Extension Cable			
Connector Type (default)		M12 5 PIN CONNECTOR (FEMALE)	
Part Number		EXT-FL-M12F-3M-24V	
Cable Length (out from female connector)	(mm)	3000	
Extension Cable (connect to M12 5 Pin Male Connector from lighting)			
Application			
Illumination Type		Direct Illumination	
Application Use		Substrate inspection, label inspection, flat surface, fiducially recognition.	