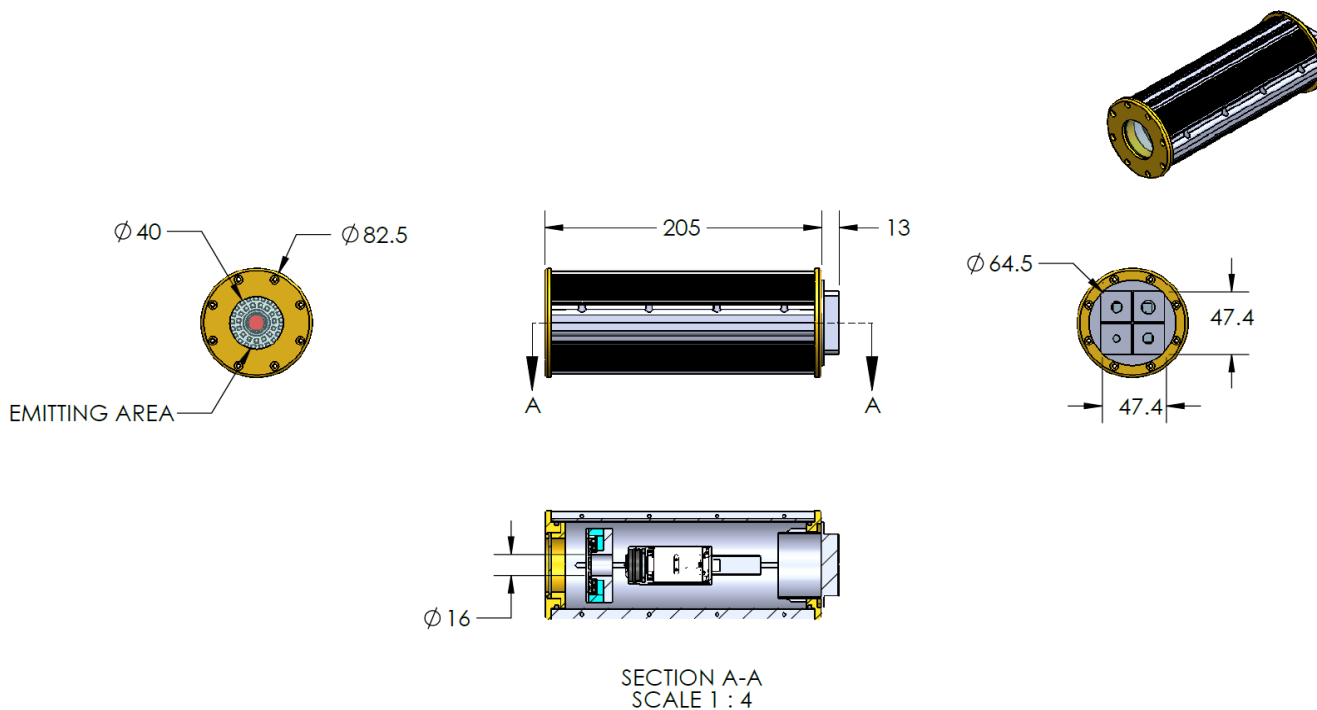


IPE-80X180-LSW-15-2-W-XXX-XXXX-X

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	1409 g
Length / Outer Diameter	82.5 mm
Width / Inner Diameter	28 mm
Thickness / Height	218 mm



IPE-80X180-LSW-15-2-W-XXX-XXXX-X

Optical Information																								
Part Number		IPE-80X180-LSW-15-2-W-XXX-XXXX-X																						
LED Colour		WHITE																						
Wavelength	(nm)	* Refer to the Chromaticity Table Below																						
Intensity (±15%)	(Lux)	41100	36500	32600																				
Working Distance	(mm)	64	69	74																				
Illumination (number of rows)		2																						
Illumination Active Area																								
Active Length	(mm)	40																						
Active Width	(mm)	28.8																						
Emission Angle	(deg.)	15																						
Eye Safety Class (IEC62471)		EXEMPT																						
*CHROMATICITY TABLE																								
<table><tr><td>X</td><td>0.296</td><td>0.287</td><td>0.307</td><td>0.311</td></tr><tr><td>Y</td><td>0.276</td><td>0.295</td><td>0.315</td><td>0.294</td></tr></table> <table><tr><td>X</td><td>0.311</td><td>0.307</td><td>0.33</td><td>0.33</td></tr><tr><td>Y</td><td>0.294</td><td>0.315</td><td>0.339</td><td>0.318</td></tr></table>					X	0.296	0.287	0.307	0.311	Y	0.276	0.295	0.315	0.294	X	0.311	0.307	0.33	0.33	Y	0.294	0.315	0.339	0.318
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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	43.6																						
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		SD and SDA-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	Cable Colour																				
		1	24V	BROWN																				
		2	-	WHITE																				
		3	GND	BLUE																				
		4	-	BLACK																				
		5	-	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.																						