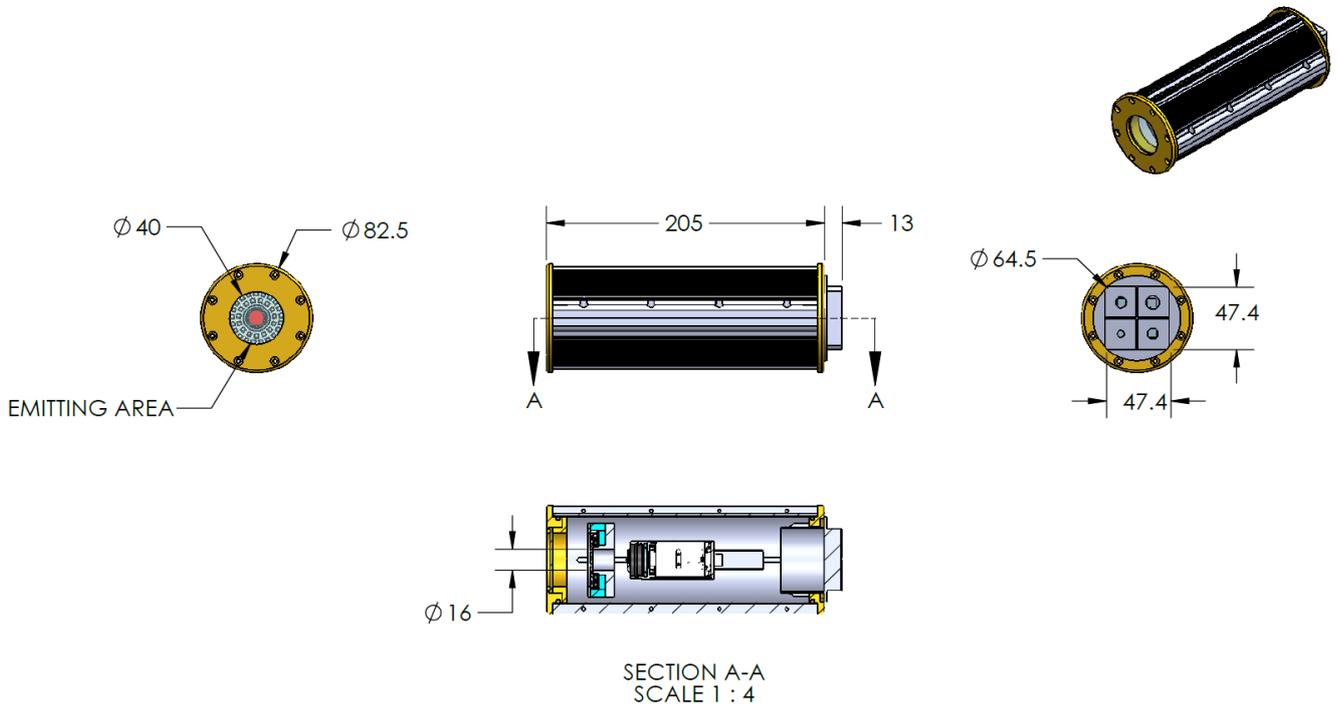


IPE-80X180-LSW-15-2-W-XXX-XXXX-X

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 border="1"> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> <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>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <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	X	0.311	0.307	0.33	0.33	Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33															
Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318															
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.																							