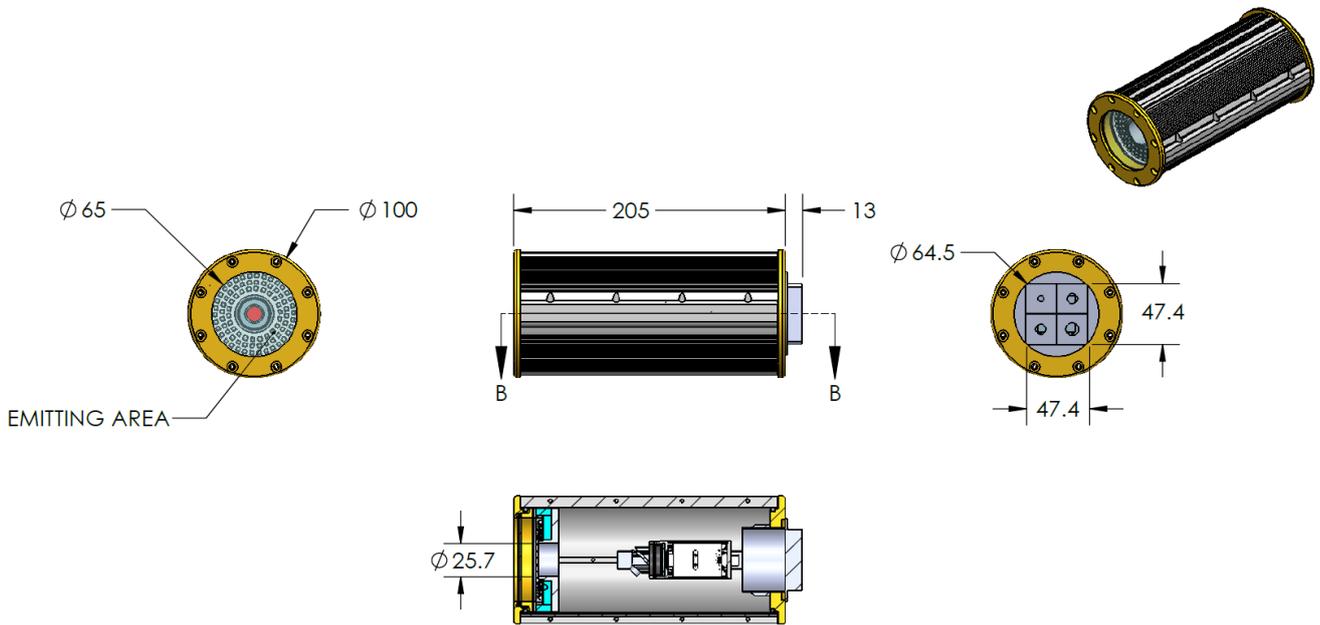


## IPE-100X180-LSW-15-3-G-XXX-XXXX-X

### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage & Operating Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	1513 g
Length / Outer Diameter	100 mm
Width / Inner Diameter	32 mm
Thickness / Height	218 mm



## IPE-100X180-LSW-15-3-G-XXX-XXXX-X

Optical Information			
Part Number	IPE-100X180-LSW-15-3-G-XXX-XXXX-X		
LED Colour	GREEN		
Wavelength	(nm)	525	
Intensity ( ±15%)	(Lux)	17500	14500
Working Distance	(mm)	75	85
Illumination (number of rows)	3		
Illumination Active Area			
Active Length	(mm)	62	
Active Width	(mm)	34.5	
Emission Angle	(deg.)	15	
Eye Safety Class ( IEC62471)	EXEMPT		
Electrical Information			
Lighting Supply Voltage (constant voltage mode)		24V ± 2%	
Continuous Current	(mA)	240	
Power Consumption	(W)	5.76	
Lighting Casing Temperature, Operating after 60 minutes	°C	58.6	
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)	720	
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
		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.	