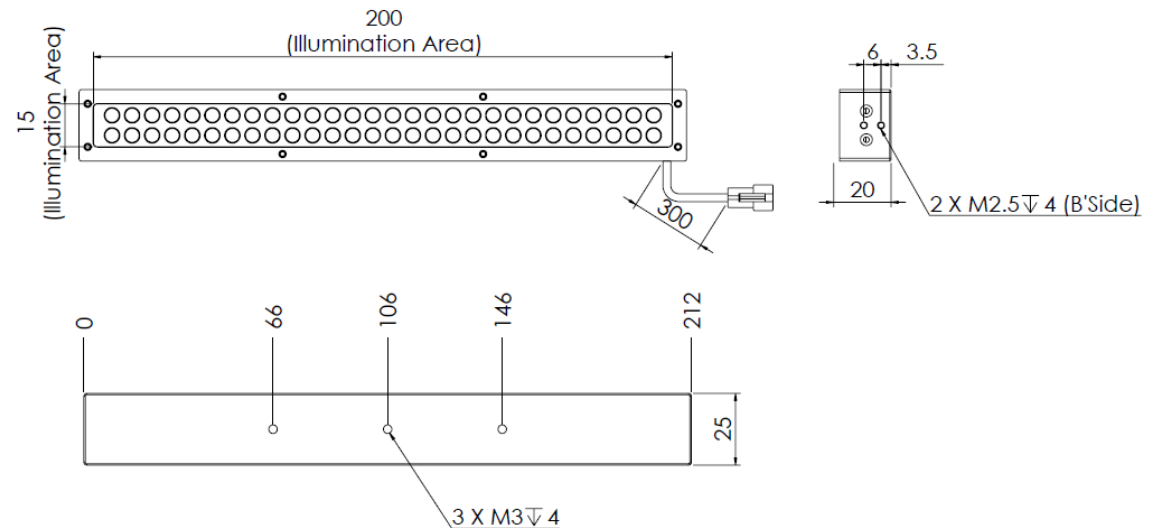


# UV Bar Light

## **FLDL-i200x15-UV**

Lighting Picture

Lighting Dimension



Unit in mm

Mechanical Information	
Casing Material	Aluminium
Weight	175g
Operating Temperature	0°C to 40°C , Humidity 20%-85%
Storage Temperature	-20°C to 60°C, Humidity 20%-85%
Lighting Dimension, W x L x H	25.0 x 212.0 x 20.0 mm
IP Rating	IP40




Led Colour	UltraViolet , UV375
<b>Optical Information</b>	
Wavelength / Color temperature	375nm
Illumination (Number of LED)	60
Illumination Area	200 x 15 mm
Led Package	T1 ¾ 5 mm
Eye Safety (EN 62471:2008)	RG3 (High Risk): Caution. Do not look at exposed lamp in operation. May result in eye injury
Optimal Working Distance	0-100mm

Continuous Mode	Voltage Drive (With resistor)	Current Drive (Without resistor)
	UV24-375	UV24-375
Max. Lighting Supply Voltage	24VDC ± 2%	22VDC ± 2%
Typical Lighting Forward Voltage (Vf)	21.6V	21.6V
Max. Current	0.20A (MAX)	0.20A (MAX)
Max. Power	4.80W	4.40W

Strobe Mode Specification	Voltage Drive	Current Drive
	UV24-375	UV24-375
Max. Lighting Supply Voltage	Pulsing at 24VDC to 48VDC, Recommended at 36VDC	Pulsing at 22V
Max. Current	0.50A (MAX)	0.50A (MAX)
Max. Trigger Pulse Duration		10 msec
Duty Cycle		< 10%

Ordering Part Number	Controller Type	Description
FLDL-i200x15-UV24-375	Voltage Drive	With Resistor (Use in both constant voltage/ current power supply)
FLDL-i200x15-UV24-375-0	Current Drive	Without Resistor (0 Ohm) (Only use in constant current power supply)



Connection	G/B/W (Voltage & Current drive)			
Connector Type (Default):	Pin	Signal	Cable Color	
	1	LED +	Black/White	
	2	N.C.	---	
	3	LED -	Black	
Cable Length out from lighting:	300 mm			

Additional Information	Details
Life span in continuous mode	20,000 hours
Life span in strobe light mode Lighting drop to 50% intensity (at 25°C ambient temperature)	50,000 hours
Supply Ripple Voltage	$\leq V_s \pm 5\%$
Reverse Battery Protection	YES
Cooling Method	Natural air-cooling
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	PSA-Series, PSD-Series, LIC-Series
CE Conformity	YES
ISO 9001:2015	MY11/00845



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