

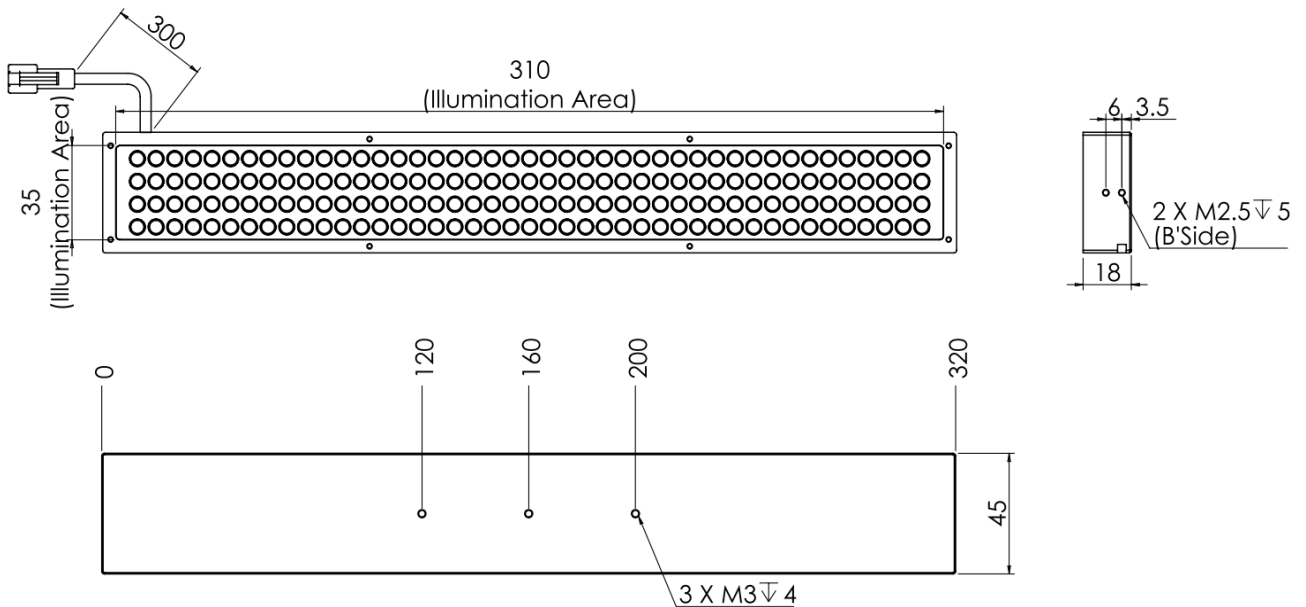
# UV Bar Light

## FLDL-i300x35-UV

### Lighting Picture




### Lighting Dimension



All unit in mm

Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	413 g
Lighting Dimension, WxLxH	45.0 x 320.0 x 18.0 mm
IP Rating	N/A



<b>Optical Information</b>			
Led Color	Ultra Violet (UV)		
Wavelength	375nm		
Number of LED	168		
Illumination Area	310 x 35 mm		
Led Package	T1 ¾ 5 mm		
Eye Safety (EN 62471:2008)	RG-3 (High Risk): Caution. Do not look at exposed lamp in operation. Eye injury can result.		
<b>Electrical Information</b>			
<b>U</b>			
Lighting Supply Voltage (constant voltage mode)	24V ± 2%		
Supply Ripple Voltage	≤ Vs ± 5%		
Reverse Battery Protection	YES		
Lighting Forward voltage, (for zero internal resistor value)	20.7 V		
Continuous Current	0.56A (MAX)		
Power Consumption	13.44 W		
Lighting casing temperature, Operating after 60 minutes	52°C		
<b>Strobe Mode Specification</b>			
<b>UV</b>			
Max. Lighting Supply Voltage (Constant voltage power supply)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC		
Pulse Current, (Max. 10msec) (Constant current power supply)	1.40A (MAX)		
Max. Trigger Pulse Duration, msec	10 msec		
Duty Cycle	0 - 10%		
<b>Additional Information</b>			
<b>UV</b>			
Additional Cooling Method	Attached to machine part for better heat dissipation		
Life span in continuous mode	5,000 hours (drop to 50% intensity) at 25°C		
Life span in strobe light mode	Est. >10,000 hours (drop to 50% intensity) at 25°C		
Intensity Controller Selection	PSA-Series, PSD-Series, LIC-Series		
CE Conformity	YES		
RoHS Compliance	YES		
ISO 9001:2008	SG11/03751		
<b>Ordering Option</b>			
FLDL-i300x35-UV	With resistor to limit the current (Use with both constant voltage/ current power supply)		
FLDL-i300x35-UV-0	Internal resistor value= zero ohms (only use with constant current power supply)		
<b>Connection</b>			
<b>UV</b>			
Connector Type (Default):	JST SMR-03V		
Cable Length out from lighting:	300 mm		
Pin Configuration:	Pin	Signal	Cable Color
	1	LED +	Black/White
	2	N.C.	---
	3	LED -	Black
			
<b>Application</b>			
Optimal Working Distance	0-100 mm		



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