

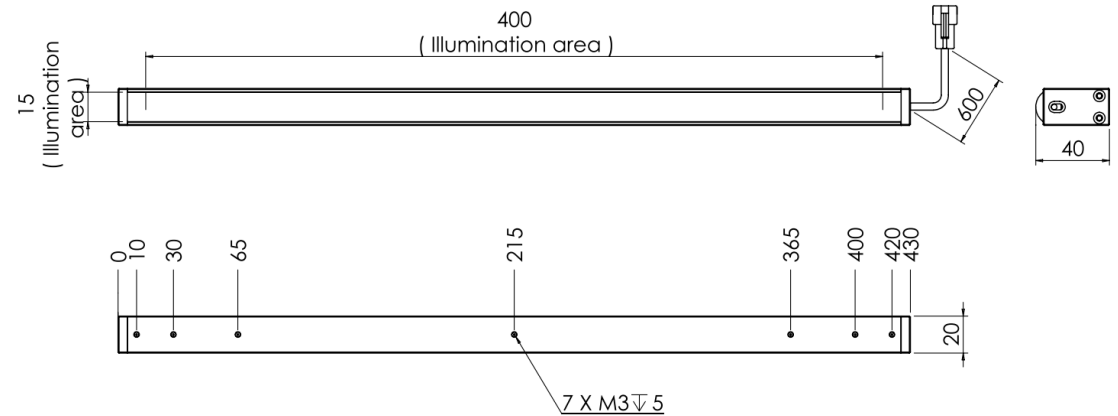
## UV Line Light

# FLLN-Si400-UV

### Lighting Picture



### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	520 g
Lighting Dimension, WxLxH	20.0 x 430.0 x 40.0mm
IP Rating	N/A

Unit in mm




Optical Information	
Led Color	Ultra Violet, UV
Wavelength	375nm (By default) OR customer can choose in 400nm ( please state clearly in purchase order)
Illumination (number of LED)	105
Illumination Area	400 x 15mm
Led Package	SMD
Eye Safety (EN 62471:2008)	RG3 (High Risk): Caution. Do not look at exposed lamp in operation. May result in eye injury

Electrical Information	
	UV
Lighting Supply Voltage (constant voltage mode)	24V ± 2%
Supply Ripple Voltage	≤ Vs ± 5%
Reverse Battery Protection	YES
Typical Lighting Forward voltage, Vf (for zero internal resistor value)	23.8 V
Continuous Current	0.30A (MAX)
Power Consumption	7.20 W
Lighting casing temperature, Operating after 60 minutes	40°C

Strobe Mode Specification	
	UV
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)	0.75A (MAX)
Max. Trigger Pulse Duration, msec	10 msec
Duty Cycle	0 - 10%

Ordering Option	
FLLN-Si400-UV24-375	With resistor to limit the current
FLLN-Si400-UV24-375	(Use in both constant voltage/ current power supply)
FLLN-Si400-UV24-375-0	Internal resistor value= zero ohms
FLLN-Si400-UV24-375-0	(only use in constant current power supply)



<b>Connection</b>		<b>UV</b>		
Connector Type (Default):	JST SMR-03V			
	Pin	Signal	Cable Color	
	1	LED +	Black/White	
	2	N.C.	---	
	3	LED -	Black	
Cable Length out from lighting:	600 mm			

<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			
Life span in strobe light mode Lighting drop to 50% intensity (at 25°C ambient temperature)	10,000 hours			
Intensity Controller Selection	PSA-Series, PSD-Series, LIC-Series			
CE Conformity	YES			
RoHS Compliance	YES			
ISO 9001:2008	SG11/03751			

<b>Application</b>	
Optimal Working Distance	0-100 mm



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