

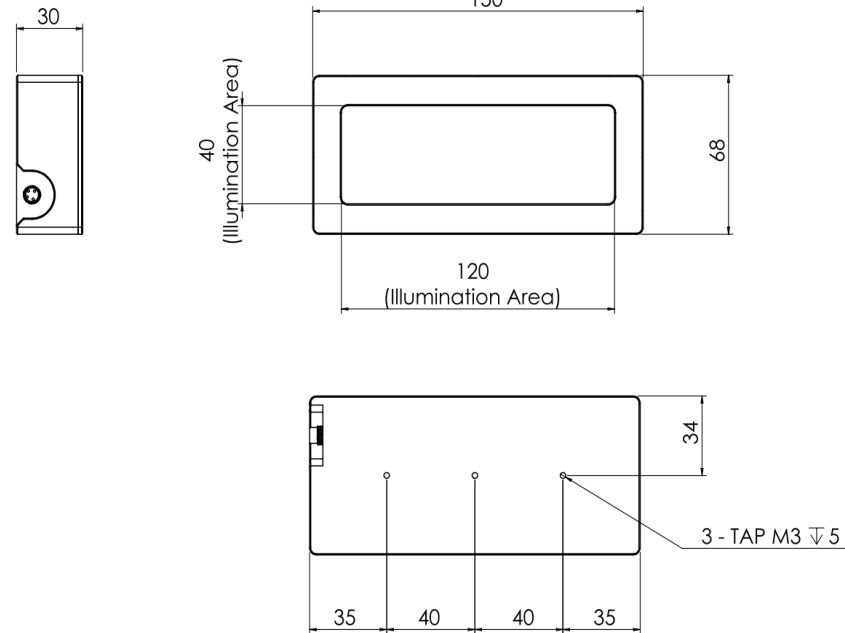
## Bar Light

# FLDL-i120x40-IP67

### Lighting Picture



### Lighting Dimension



Mechanical Information	
Casing Material	Aluminium + Diffuser
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	343g
Lighting Dimension, WxLxH	68.0 x 150.0 x 30.0 mm
IP Rating	IP 67

Unit in mm




Optical Information	
Led Color	WHITE (W)
Wavelength	xy=(0.31,0.32)
Illumination (number of LED)	280
Illumination Area	120 x 40 mm
Led Package	T1 3mm
Eye Safety (EN 62471:2008)	Exempt Group

Electrical Information	
	W
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)	21.0 V
Continuous Current	0.80A (MAX)
Power Consumption	19.20 W
Lighting casing temperature, Operating after 60 minutes	42°C

Strobe Mode Specification	
	W
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)	2.00A (MAX)
Max. Trigger Pulse Duration, msec	10 msec
Duty Cycle	0 - 10%

Ordering Option	
FLDL-i120x40-W-IP67	With resistor to limit the current (Use in both constant voltage/ current power supply)
FLDL-i120x40-W-IP67-0	Internal resistor value= zero ohms (only use in constant current power supply)



<b>Connection</b>		<b>W</b>	
Connector Type (Default):	Pico M8 (Male)		
Pin Configuration: Pico M8 (Male)	<b>Pin</b>	<b>Light Segment</b>	<b>Börsig /Binder P/N: 79-3382-52-04 Wire Color</b>
	1	LED +	Brown
	2	N.C.	White
	3	LED -	Blue
	4	N.C.	Black
Cable Length out from lighting:	N/A		

<b>Additional Information</b>		<b>W</b>	
Additional Cooling Method	Attached to machine part for better heat dissipation		
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		
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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