

# FL5600 LED Fiberoptic Illuminator



JOB NAME	TYPE
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## SPECIFICATIONS

### FEATURES

- UL Listed for Wet locations
- Stand-alone operable
- USB programmable
- Manual, 0-10V and DMX controllable
- Mixed Color or Single Bright White

### ELECTRICAL

- Input Voltage: 24V DC
- Power Consumption: 120W Max

### OPERATING ENVIRONMENT

- Ingress Protection: IP65
- Exposure: Outdoor
- Operating Temperature: 0° to 40°C
- Storage Temperature: -40° to 70°C
- Airflow: 36 cfm
- Acoustic Noise: 33 dBA



## OPTICAL PERFORMANCE

Device Color	Port Lumens*	Minimum CRI
Mixed RGBA	650/1100/500/650lm	NA
Mixed RGBW	650/1100/500/1250lm	NA
2800K White	3850lm	85
3000K White	3950lm	85
4200K White	4050lm	85
4400K White	4200lm	85
5000K White	4300lm	85
6500K White	4450lm	75

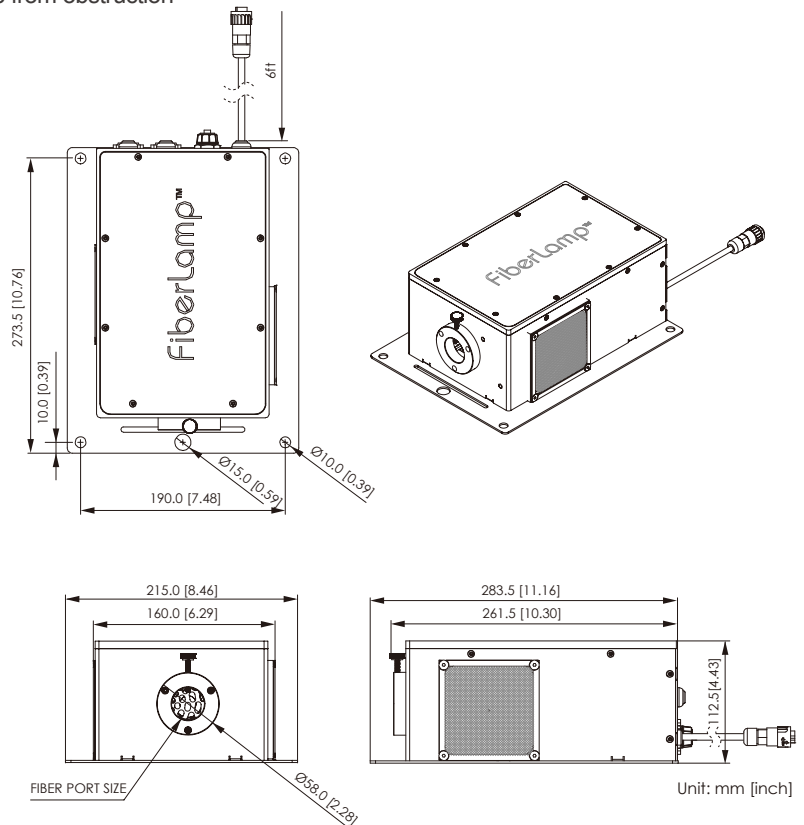
\*Typical value at 25°C ambient

### MECHANICAL

- Material/Finish: Black anodized aluminum, black iron plate
- Weight: 9 lbs
- Dimensions: 11.1" x 8.5" x 4.4"
- DC input cord length: 6 ft

### MOUNTING

- OK to mount in any orientation
- Best orientation is with exhaust vent facing up
- Keep vents free from obstruction



## ORDERING GUIDE

FL5600 — [ ] — [ ] — [ ] — [ ] — PSU

Device Color	Fiber Port Size	Homogenizer	Twinkle Wheel
<b>MA</b> Mixed RGBA	<b>30</b> 30mm	<b>N</b> No Homogenizer	<b>NT</b> No Twinkle Wheel
<b>MW</b> Mixed RGBW	<b>33</b> 33mm	<b>H</b> With homogenizer	<b>TW</b> With Twinkle Wheel
<b>2800</b> 2800K White			
<b>3000</b> 3000K White			
<b>4200</b> 4200K White			
<b>4400</b> 4400K White			
<b>5000</b> 5000K White			
<b>6500</b> 6500K White			

**FIBER CAPACITY:** Using 0.75mm Diameter Fiber: 700 fibers max in 30mm Fiber Port, 1000 fibers max in 33mm Fiber Port. Large Core outer diameter: 30mm for 30mm Fiber Port, 33mm for 33mm Fiber Port. Accessories offered for common end diameters less than 30mm and 33mm: ACS30-xx and ACS33-xx.  
**HOMOGENIZER:** Homogenizer is suggested when using stranded fiber to ensure each strand is illuminated equally in intensity and color.  
**PSU INFORMATION:** Reference www.fiberlamp.com for PSU information.

Example: FL5600-MA-30-N-NT-PSU

Please contact Catalina Lighting for further details



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