

# FL5200 LED Fiberoptic Illuminator

JOB NAME

TYPE

## SPECIFICATIONS

### FEATURES

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

### ELECTRICAL

Input Voltage: 100V-240V AC  
 Power Consumption: 120W Max

### OPERATING ENVIRONMENT

Ingress Protection: IP20  
 Exposure: Dry location  
 Operating Temperature: 0° to 40°C  
 Storage Temperature: -40° to 70°C  
 Airflow: 36 cfm  
 Acoustic Noise: 31 dBA

### MECHANICAL

Material/Finish: Black iron plate  
 Weight: 8.4 lbs  
 Dimensions: 11.8" x 5.3" x 4.3"  
 AC input connector: IEC 60320 C14

### MOUNTING

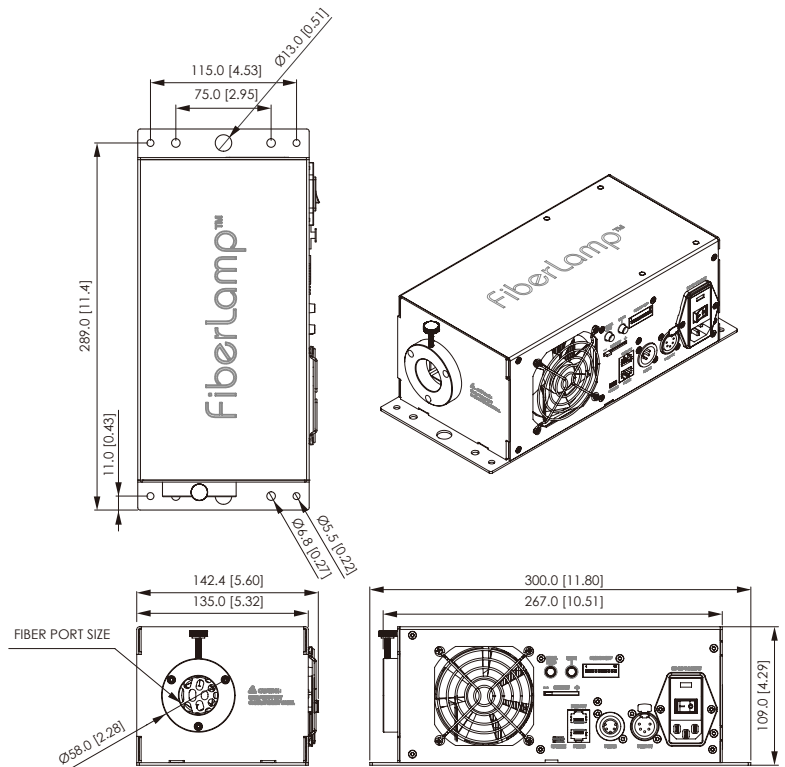
OK to mount in any orientation  
 Best orientation is with exhaust vent facing up  
 Keep vents free from obstruction



## 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



Unit: mm [inch]

## ORDERING GUIDE

<b>FL5200</b> —	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>
	<u>Device Color</u>		<u>Fiber Port Size</u>		<u>Homogenizer</u>		<u>Twinkle Wheel</u>
	<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.

**Example: FL5200-MA-30-N-NT**