

FL5200 LED Fiberoptic Illuminator

JOB NAME	TYPE
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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

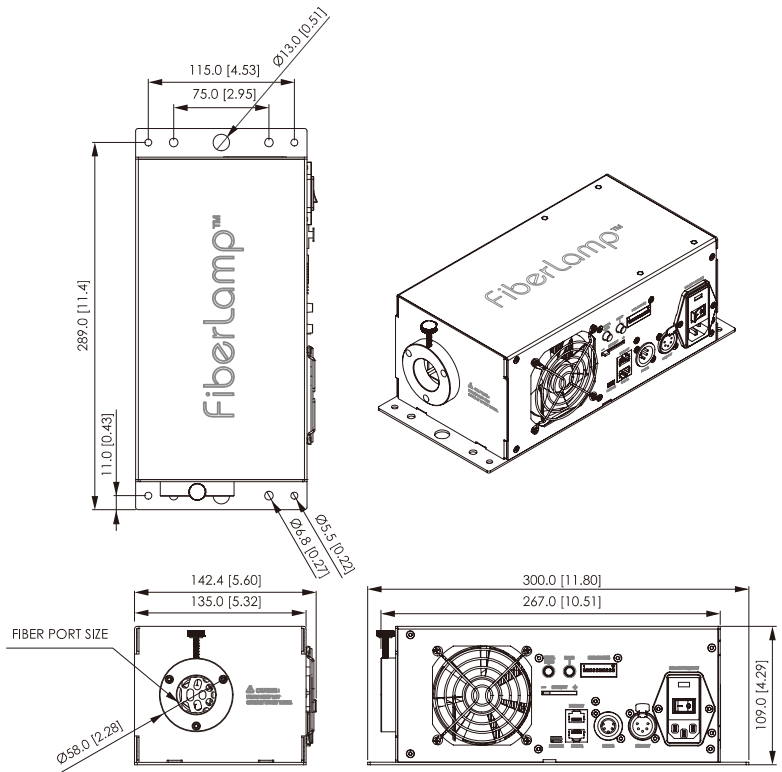
- OK to mount in any orientation
- Best orientation is with exhaust vent facing up
- Keep vents free from obstruction



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

<p>FL5200 — — — — </p>	<p>Device Color</p> <p>MA Mixed RGBA</p> <p>MW Mixed RGBW</p> <p>2800 2800K White</p> <p>3000 3000K White</p> <p>4200 4200K White</p> <p>4400 4400K White</p> <p>5000 5000K White</p> <p>6500 6500K White</p>	<p>Fiber Port Size</p> <p>30 30mm</p> <p>33 33mm</p>	<p>Homogenizer</p> <p>N No Homogenizer</p> <p>H With homogenizer</p>	<p>Twinkle Wheel</p> <p>NT No Twinkle Wheel</p> <p>TW With Twinkle Wheel</p>
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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