

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

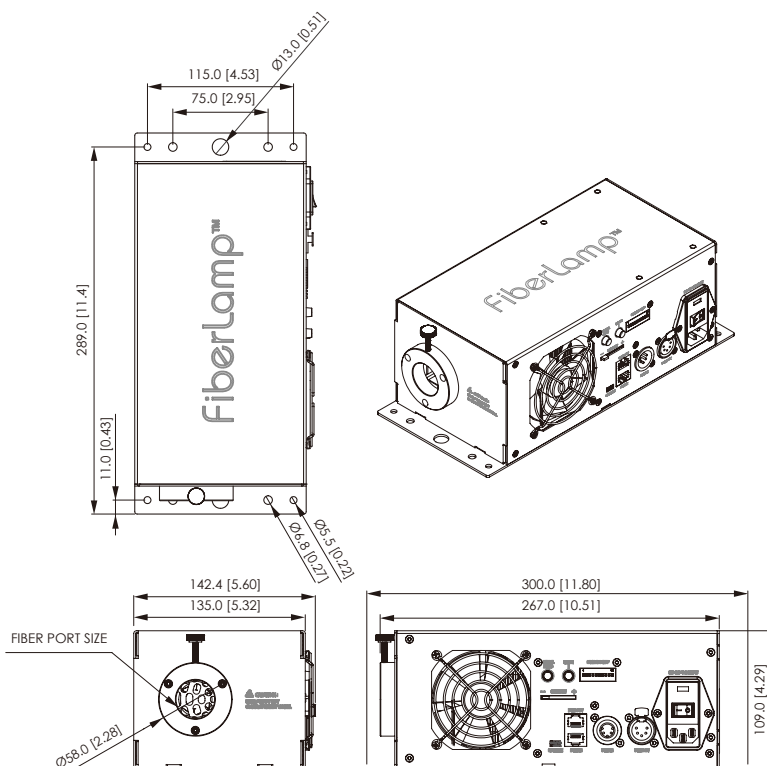
OK to mount in any orientation
 Best orientation is with exhaust vent facing up
 Keep vents free from obstruction



OPTICAL PERFORMANCE

Device Color	Port Lumens*	Minimum CRI
Mixed RGBA	650/1100/500/520lm	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

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