

FL5600 LED Fiberoptic Illuminator

JOB NAME

TYPE

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	650/1100/500/520lm	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

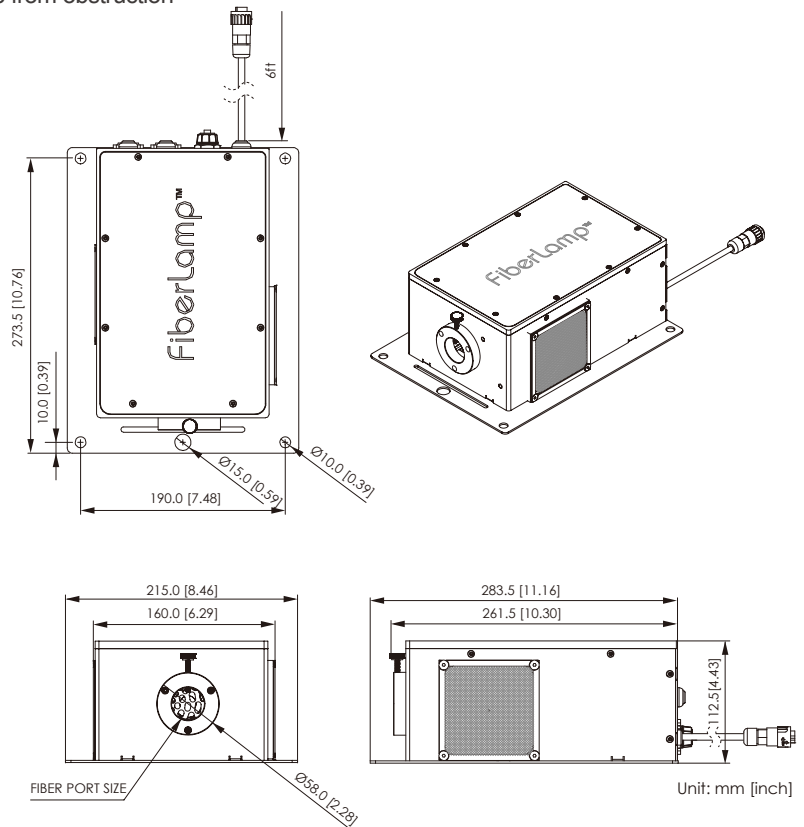
*Typical value at 25°C ambient

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

MA Mixed RGBA
MW Mixed RGBW
2800 2800K White
3000 3000K White
4200 4200K White
4400 4400K White
5000 5000K White
6500 6500K White

Fiber Port Size

30 30mm
33 33mm

Homogenizer

N No Homogenizer
H With homogenizer

Twinkle Wheel

NT No Twinkle Wheel
TW With Twinkle Wheel

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