VegaLux 300®
StudioLED FRESNEL® Motorized Zoom

Specs & Performance: Tunable Model

20.66"
52.5 cm

13.11"
33.3 cm

13.50"
34.3 cm

22.28"
56.6 cm

(ETL) CE
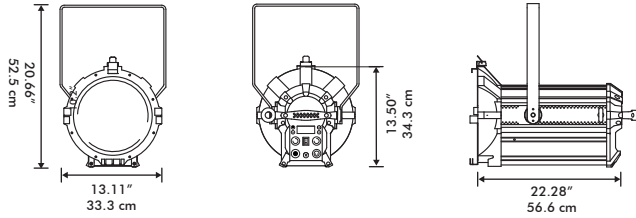
Tunable Model
Code: G6LED126
Color Temperature: 3000K - 5800K
Color Rendering Index (CRI): +90
Weight: 16.09 lb (7.3 kg)

Fuses & Power Consumption

Note - Most electrical equipment briefly consumes a higher amount of electrical current during startup (ignition). Consult the chart below to confirm that your electrical wiring is sufficient for the fixtures used. All fuses must be rated at 250VAC. VegaLux 300® StudioLED FRESNEL® auto-set from 90-240 VAC.

MECHANICAL CHARACTERISTICS			ELECTRICAL MEASUREMENTS MAXIMUM VALUES	
MODEL	**DIMENSIONS**	**WEIGHT**		
G6LED126 VegaLux 300® StudioLED FRESNEL 3000K-5800K	13.11"x 13.5"x 22.28" 33.3 cm x 34.3 cm x 56.6 cm	16.09 lb 7.3 kg	**Voltage [V]**	120VAC
			Power [W]	338
			Current [A]	2.8
			Peak Current [A]	3.5

Each fixture comes with:

Barndoors - 8 Blades
G6LED127
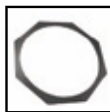
Filter Holder
G6LED128

C-Clamp
G6FLT262

AC cord with POWERCON
Conector 16 ft (4.82 m)
G6CNT154
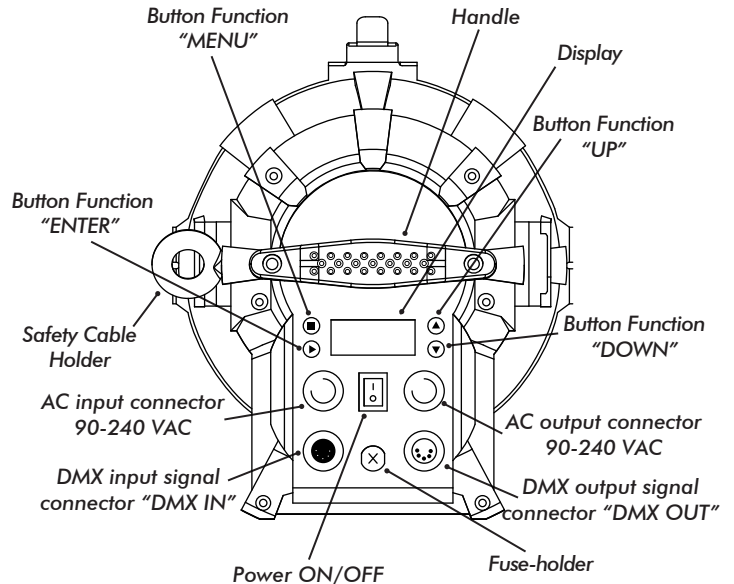

2 Safety Cables:
1 for barndoor
1 for fixture
G6FLT059

Stand Fitting 5/8"
G6FLT057

Optional Accessories:

Pole Operated
G6LED129

Display & Buttons

Functions
The VegaLux 300® StudioLED FRESNEL® has one display, and four (4) buttons that allow to perform various functions.

Button Function "MENU"

Handle

Display

Button Function "UP"

Button Function "ENTER"

Safety Cable Holder

AC input connector 90-240 VAC

DMX input signal connector "DMX IN"

Power ON/OFF

Fuse-holder

Button Function "DOWN"

AC output connector 90-240 VAC

DMX output signal connector "DMX OUT"

Mounting the Fixture

On Grid:
Attach clamp tightly to yoke of fixture, according to clamp mfrs. instructions. Hang clamp on pipe or grid and tighten the large screw so that the clamp and fixture are securely mounted. Do not loosen bolt attaching clamp to fixture, to position light. Attach safety cable between the fixture and the rail for necessary security.

On Stand:
Using the 5/8" female (not included) stand fitting. Choose proper size stand for fixture. Always use sufficient stabilizing weight on stand base.

Allows mounting the fixture on 5/8" (not included) male stand stud. Make sure the stand is large enough to support the weight of the fixture while maintaining good balance at the desired height. Attach the female stand-fitting tightly to the yoke and rotate yoke so it is on the underside of the fixture. Tighten yoke, clamp locking lever, and place female stand-fitting over stand, making sure that its locking screw is loosened enough to allow the fitting to completely fit over the 5/8" stand stud. Tighten knob, making sure its screw is under the safety cut of the stand fitting stud. Add additional weight to base of stand for increased stability.

Table 1. Menu VegaLux 300® StudioLED FRESNEL®

Menu VegaLux 300® StudioLED FRESNEL®

ADDR	(001,512)			DMX Adress	
RUN	DMX			DMX MODE Execution	
	SLAVE			SLAVE MODE Execution	
SET	PASS	MODE	STDO	STUDIO MODE Performance	
			LIVE	LIVE MODE Performance	
			POWR	Maximum Performance	
		CAL	[3000,5800]	C[000,255]	Calibration from 3000K to
				W[000,255]	5800K in steps of 50K
		PERS	3CH	3 channels in DMX: 1 - Dim. 2 - CCT 3 - Zoom	
			4CH	4 channels in DMX: 1 - Dim 2 - Warm White Dim. 3 - Cool White Dim. 4 - Zoom	
		KEY	ON	Enables keyboard blocking after a determined time. You will only be able to unlock with password.	
			OFF	Disable keyboard blocking.	
		REST		Reset all default values. Password required.	
DIMM	[0,100]			Dimming	
CCT	[3200,5600]			CCT control from 3000K-5800K	
ZOOM	[0,100]			Motorized zoom control Spot-Flood	

VegaLux 300® StudioLED FRESNEL® has four buttons to control its functions:
◉MENU: Return to previous menu.
▷ENTER: Next submenu or function.
⊙ UP and ⊙DOWN: Navigation buttons in the same level of the menu or submenu and serve us to select some value.

Main keyboard menu functions:

ADDR Assign the initial DMX Address to our unit from 0-510 in mode 3CH, 0-509 in mode 4CH.

ZOOM Zoom adjust. Use the ⊙ UP and ⊙ DOWN buttons to control the opening angle of the unit.

CCT Use the ⊙ UP and ⊙ DOWN buttons to control the CCT from 3000K-5800K.

DIMM Illumination power adjust (Dimming). Use the ⊙ UP and ⊙ DOWN buttons.

SET Enter a password: (▲) (▼) (▲) (▼) (▷)
UP   DOWN UP   DOWN ENTER

Select the submenu with the ▷ ENTER key:

MODE Select from the 3 performance modes: STDO, LIVE and POWR.

CAL Choose the CCT that we want to calibrate:
Warm White "W" [0-255] and Cold White "C" [0-255].

PERS Choose the number of DMX channels to use:
3CH 3 DMX.
4CH 4 DMX.

KEY Select that the password is requested to use the 4 buttons (ON) or not (OFF). The factory value is (OFF).

REST Reset all default values to factory settings. Password required.

RUN Select the chain operating mode: DMX for use with a DMX console or SLAV to be used as a slave in Master-Slave mode.

Mode 3: DMX Channels

CHANNEL	LEVEL	DESCRIPTION	CHANNEL	LEVEL	DESCRIPTION
Channel 1	0-255	DIMMER		50-54	3600K
	CCT CONTROL			55-59	3650K
	0	OFF		60-64	3700K
	1-14	3000K		65-69	3750K
	15-19	3250K		70-74	3800K
Channel 2	20-24	3300K	Channel 2	75-79	3850K
	25-29	3350K		80-84	3900K
	30-34	3400K		85-89	3950K
	35-39	3450K		90-94	4000K
	40-44	3500K		95-99	4050K
	45-49	3550K		100-104	4100K

CHANNEL	LEVEL	DESCRIPTION	CHANNEL	LEVEL	DESCRIPTION
Channel 2	105-109	4150K	Channel 2	185-189	4950K
	110-114	4200K		190-194	5000K
	115-119	4250K		195-199	5050K
	120-124	4300K		200-204	5100K
	125-129	4350K		205-209	5150K
	130-134	4400K		210-214	5200K
	135-139	4450K		215-219	5250K
	140-144	4500K		220-224	5300K
	145-149	4550K		225-229	5350K
	150-154	4600K		230-234	5400K
	155-159	4650K		235-239	5450K
	160-164	4700K		240-244	5500K
	165-169	4750K		245-249	5550K
	170-174	4800K		250-255	5800K
	175-179	4850K			
	180-184	4900K	Channel 3	0-255	ZOOM

Warnings

VegaLux 300® StudioLED FRESNEL® equipment is a professional lighting system. Read these instructions, as well as accessory instructions and applicable warnings before operating.

- **Do not leave fixture unattended.**
  For fixed (stationary) use in studios, theaters, and similar locations.
- **Not for household use.** Use only for photographic lighting (television, video & film).
- **Always unplug unit before** changing fuse.
- **Do not use near standing water.**
- **Never bypass plug's ground pin.**
- **Do not interfere with unit's ventilation.**
- **Do not operate unit with** Accessory Barndoors closed.
- **Make sure clamp is tightened** at yoke.
- **Always use Safety Cable,** when attaching to overhead pipes or grids.
- **Always use with supplied** AC Cable.

LED Warnings
- **Avoid looking directly at the LED's** for extended periods of time.

General Recommendations

1. Do not operate this product if it's damaged.

2. To protect yourself from an electrical discharge, avoid contact with water or other liquids.

3. The UNIT HAS TO BE POWERED OFF before you connect it to the electrical grid, also when striking the UNIT turn it off before disconnecting it from the power grid.

4. In case of failure or malfunction to avoid electrical discharge, DO NOT disassemble this UNIT call your **FLUOTEC® AUTHORIZED SERVICE CENTER.** Wrong reassembly or disassembly of this unit may cause a malfunction.

5. The use of accesories not designed or recommended by FLUOTEC can cause hazardous conditions or damage the fixture.

Cleaning
CHASIS.
Use a moist, almost dry cloth to remove dust and any stain.
NEVER USE ANY ABRASIVE FIBER PAD AND NEVER USE SOLVENTS.
They can damage the fixture or it's finish.

Problems, repairs & info

Repairs, problems, suggestions and requests for brochures/catalogs, instructions and parts lists can be handled through your **Authorized FLUOTEC® Dealer/Distributor** or directly through **FLUOTEC®**. Electrical repairs should be made only by **FLUOTEC®** or by a qualified electrician.

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