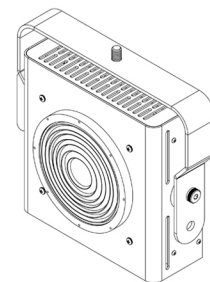


Mega-Fresnel



ELECTRICAL ETL listed with Universal AC input 100 to 277 V. 50/60 Hz. 120 Watts. Limited inrush current allows up to twelve fixtures on a 20 Amp circuit. Quiescent power is less than a Watt with fixture powered on and DMX at level zero. The LED driver has a 320,000 hour mean time between failures.

DIMMING CONTROL The Mega-Fresnel emulates an incandescent fixture with its single source look and smooth dimming response. From full on to zero, the DMX controlled dimming glides from one brightness level to another. The 32 bit processing produces no flicker to the eye or video. DMX input is fully isolated to 2,500 Volts per micro second.

White fixtures:

One DMX channel for control

Rear Display for setting the DMX address and modes

RGBW fixtures:

Four DMX channels with Intensity, R, G, B

Or five DMX channels with Intensity, Intensity, R, G, B

Rear display for setting addresses and parameters

RDM enabled for address, mode setting and LED

temperature monitoring

LED MODULE All LED modules and dimmers are manufactured by The Light Source in the USA. Individual LEDs are carefully selected to maintain minimal color variance from fixture to fixture. No appreciable UV or IR output is produced by the solid copper PCB LED modules. The LED modules have an L70 rating over 105,000 hours.

LED MODULE (CONTINUED) WHITE: Full spectrum light quality with all visible colors present. Your choice of white LED color temperature.

RGBW: Create incredibly rich colors using up to 120 Watts of any color or combination of colors. The typical wavelengths of the color LEDs are: Red - 629nm, Blue - 449nm, Green - 533nm. White is not mixed from the colored LEDs, but is created from dedicated white LED's, giving a purer white. You choose the white color temperature you would like.

OPTICAL Patented single source LED array emulates the look and feel of an incandescent fixture. 6" diameter tempered borosilicate glass Fresnel lens produces an extremely smooth light beam. Eight beam angles are available, ranging from 78° to 20°. The beam center intensity value spreads evenly to the edge of the beam.

THERMAL Incredible thermal management keeps the LEDs cool, providing increased brightness and Lumen maintenance. Maximum heat exchange provided with a huge passive convection-cooled aluminum heat sink. Silent operation with no fans to generate noise. Maximum ambient operating temperature is 122 degrees F (50 degrees C).

WARRANTY 10 year parts replacement on complete LED fixture and electronics. Ship the LED fixture to the factory freight prepaid. The LED fixture will be repaired or replaced at the factory's option, and returned freight prepaid. Fixture repair parts may also be sent for qualified repairs onsite. Damage from improper wiring, installation, and lightning are excluded from warranty repair.

AGENCY RATINGS

ETL listed in US and Canada



Catalog Number Example: MF6F-120B78-30TX-RGB

FIXTURE SERIES		-	INPUT WATTAGE	FINISH	OPTICAL BEAM ANGLE	-
MF6F	Mega-Fresnel		120	B Black	78	78° 6" Fresnel lens
				W White	65	65° 6" Fresnel lens
				C Custom	52	52° 6" Fresnel lens
					44	44° 6" Fresnel lens
					36	36° 6" Fresnel lens
					30	30° 6" Fresnel lens
					25	25° 6" Fresnel lens
					20	20° 6" Fresnel lens

LED COLOR TEMPERATURE		POWER CONNECTION	DATA CONNECTION	-	LED Module
27	2700 Kelvin	T TrueOne	J External RJ-45's		RGB RGBW
30	3000 Kelvin		X External 5 Pin XLR's		(Blank) White
35	3500 Kelvin		Z External 3 Pin XLR's		
40	4000 Kelvin				
50	5000 Kelvin				
57	5700 Kelvin				