

Matrix II RGBW

Cinematic Quad-Source LED Punch Light

The Matrix II RGBW features four control modes: CCT, HSI, RGBW, and Gel Presets. The Dense Matrix LEDs in the Matrix II RGBW boast multi-wavelength color groups. Other manufacturers have single chips in their array representing a hue range. Fiilex has designed its array with multiple custom chips covering a specific hue. Each chip outputs a specific portion of the hue wavelength and when combined produces a broader, deeper range of hue than other fixtures can produce.

The Matrix II RGBW fixture draws 340W of power and produces an output greater than a 1k tungsten soft light. This output is generated by the four Dense Matrix LED clusters that are set into a custom-designed reflecting chamber and enclosed by a layer of diffusion. With its four LED sources, the Matrix II supports additional optics and accessories that can easily reshape the fixture's illumination.



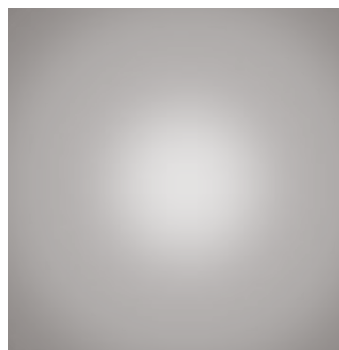
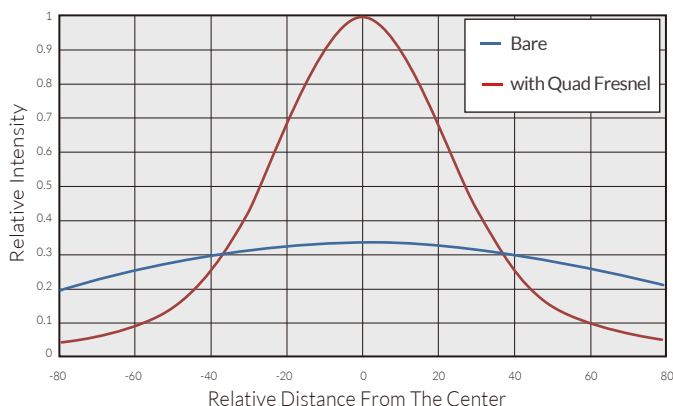
FEATURES

- 340W power draw
- Quad 75W DiCon Dense Matrix LED
- 99° wide beam, 31° with optional Quad Fresnel
- Smooth dimming down to 0%
- Flicker free at any frame rate
- Tunable CCT (2800-10000K)
- Hue control (± 0.25 green/magenta)
- High CRI at any color temperature
- Broadband full-spectrum LED source
- Designed in USA. Assembled in USA/Taiwan

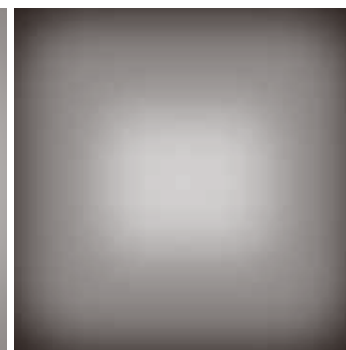
EXCELLENT COLOR RENDERING

CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	CRI _{Ra} *	CRI _{Ext} *	TLCI
3200K	97	96	85	96	97	92	94	88	72	81	91	71	98	89	94	93	89	89
5600K	98	98	92	98	98	96	97	94	77	89	95	82	98	94	94	96	93	96

BEAM PROFILE



Matrix II

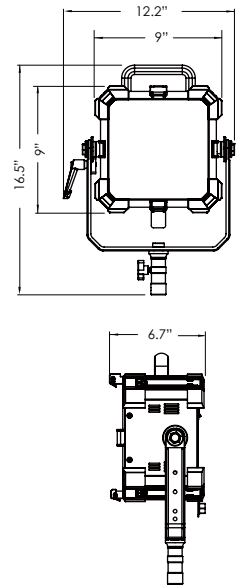


Matrix II with Quad Fresnel

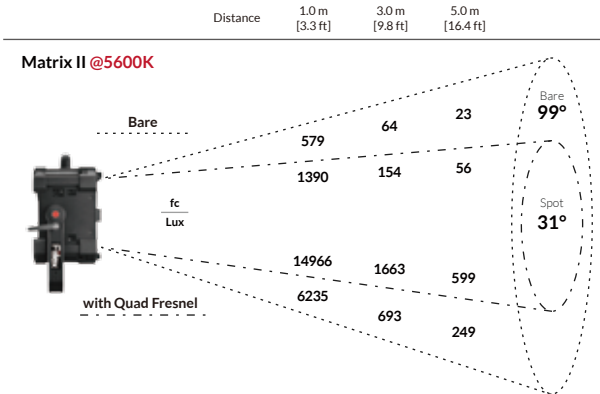
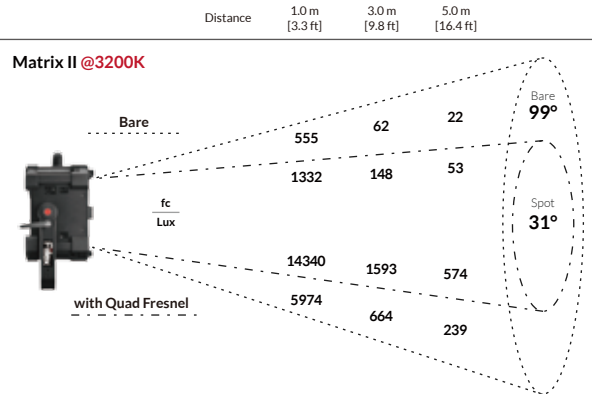
X180514A

SPECIFICATIONS

Fresnel Size	Optional Quad Fresnel Leans (Removable)
Beam Angle	99° (31° w/ Optional Quad Fresnel Lens)
CCT Range	2800-10000K Continuous Tuning
Hue Control	± 0.25 Green/Magenta
CRI	93 Typical
Dimming	100% - 0%
LED	(Four) 75W DiCon Dense Matrix LED
Input Power	120V-240VAC
Power Consumption	340W Max AC 300W Max DC
Power Adapter	AC Input: 100-240V AC, 50~60Hz DC Output: 48V
Power Port	XLR-3P
DMX Port	Two XLR Ports-5P (512 Addresses)
USB 5V	Yes
Weight	Fixture: 9.7 lbs / 4.4kg (Includes Yoke) Power Adapter: 5.7 lbs/2.6kg
Size	L 6.7" x W 12.2" x H 16.5" / L 171mm x W 311mm x H 418mm
Mount Style	Baby Stud 5/8" Female (16mm) and Junior Stud 1-1/8" Male (28mm)
Thermal Design	Advanced Vapor Cooling System (Fan Cooled)
Operating Temperature	32 - 104°F / 0 - 40°C



PHOTOMETRIC DATA



OPTIONAL ACCESSORIES & KITS



Matrix Barndoor



Quad Fresnel



Matrix Speed Ring



Softbox



H142 Kit
1x Matrix II RGBW