

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

LUMINATRIX FIXTURE



The **Luminatrix Fixture** is an architectural spot light family of RGB & RGBW luminaires that provide colorful accents to commercial buildings, bridges, landscapes, sport venues, and more. The fixtures are up to 430W and support DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V controls. The DMX mode can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable. High-quality LED chips are available through EPISTAR, OSRAM, CREE, San'an, and Bridgelux. The fixtures are IP65 or IP66 rated, IK08 rated, and cETLus listed.

FEATURES

- Up to 430W
- Controls include: DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V
- DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously
- DMX256 class gray degree dimmable and DMX programmable
- RGB and RGBW models available
- cETLus listed
- IP65 rated
- IK08 rated
- 100-277VAC

APPLICATIONS

- Building accent lighting
- Landscape
- Signage
- Bridges



ORDERING INFORMATION

MODEL #	POWER	LUMENS AT FULL POWER	COLORS	LENGTH (INCHES)	BEAM ANGLE (DEGREES)	GROSS-WEIGHT (LBS)	MINIMUM ORDER QUANTITY	US STOCK
ECO-JT-R12-216W-1+RGBW	216W	10,875	RGBW	12.6"	15/30/45, 15x55, 20x40	56.2	2	Y
ECO-JT-R12-216W-2+RGB	216W	7,960	RGB	12.6"	15/30/45, 15x55, 20x40	56.2	2	Y
ECO-JT-R12-430W-3+RGBW	430W	14,000	RGBW	26.4"	15/30/45, 15x55, 20x40	93.7	2	Y
ECO-JT-R12-430W-4+RGB	430W	11,475	RGB	26.4"	15/30/45, 15x55, 20x40	93.7	2	Y

TECHNICAL SPECIFICATIONS

LED Brands	EPISTAR, OSRAM, CREE, San'an, Bridgelux
Lumens	Up to 14,000
Input Voltage	100-277VAC
Operating Temperature	-4° to 104° F
Controls	DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V. DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable.
Power Frequency	50-60Hz
Beam Angles	15/30/45, 15x55, 20x40
Certifications	cETLus, FCC, IK08
Housing Material	Aluminum alloy and stainless steel
IP Rating	IP65 or IP66
Warranty	10 years or 50,000 hours non-prorated

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

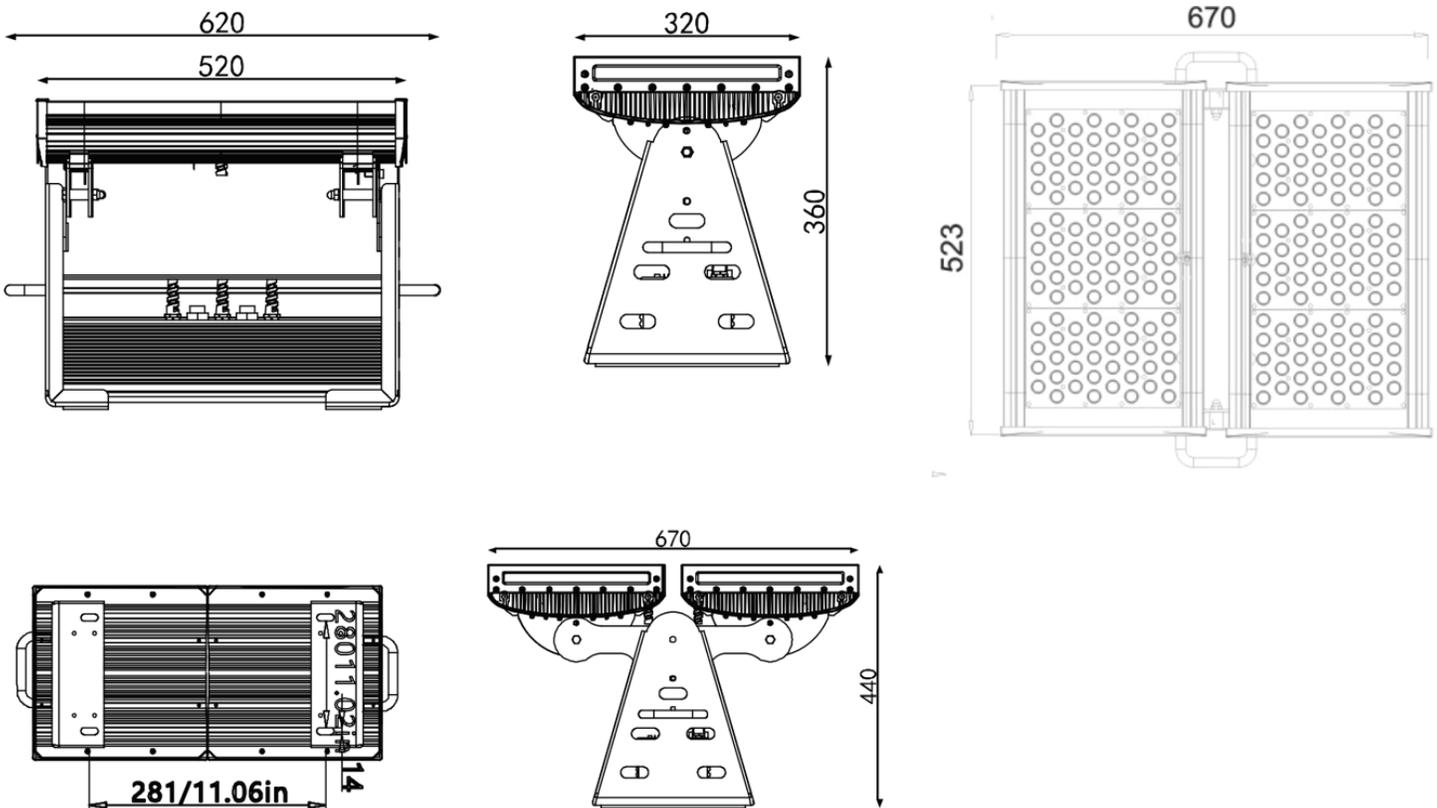
CONTROLS

Control Options: DMX512 / RDM, color changing, color tuning, DALI2, and 0-10V. DMX can generate various color changing effects, including flashing, fading, steady, and seven color jumping synchronously. DMX256 class gray degree dimmable and DMX programmable.

Control Modes:

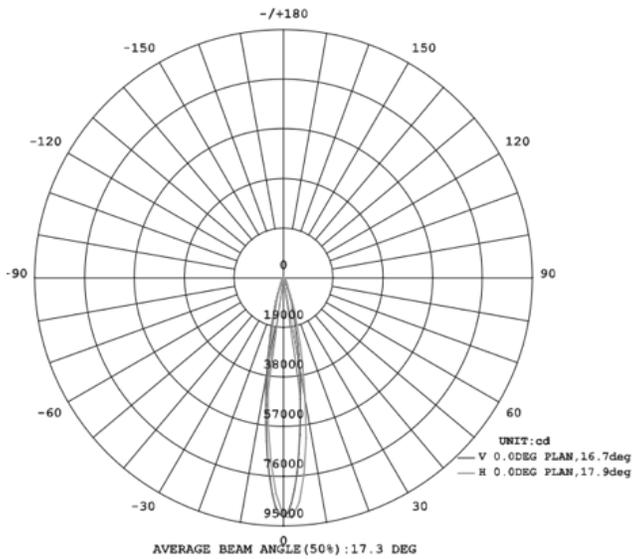
1. Independent Mode: Choose the built-in programs via the buttons on the end cover.
2. DMX Mode: International standard DMX512 signal (IP68 connector).
3. Master/Slave Mode: Auto online and synchro operation.

DIMENSIONS

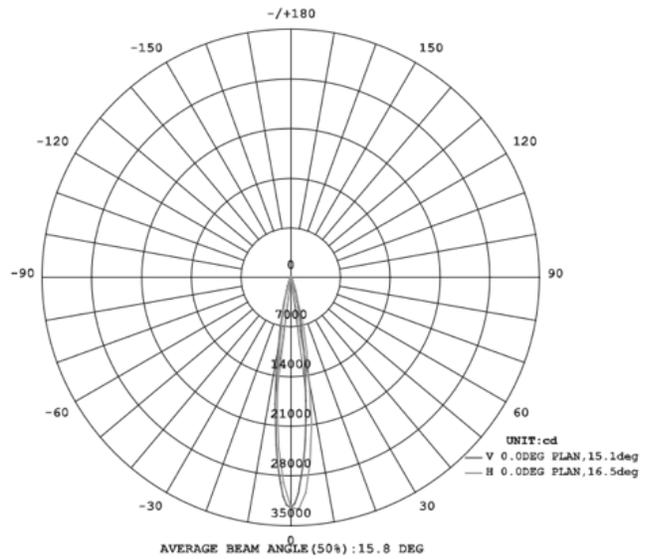


PHOTOMETRICS

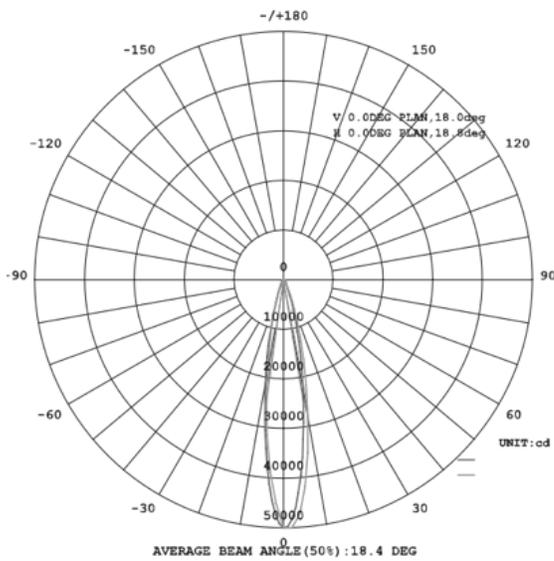
216W Beam Angle 15 degrees Candela Distribution:



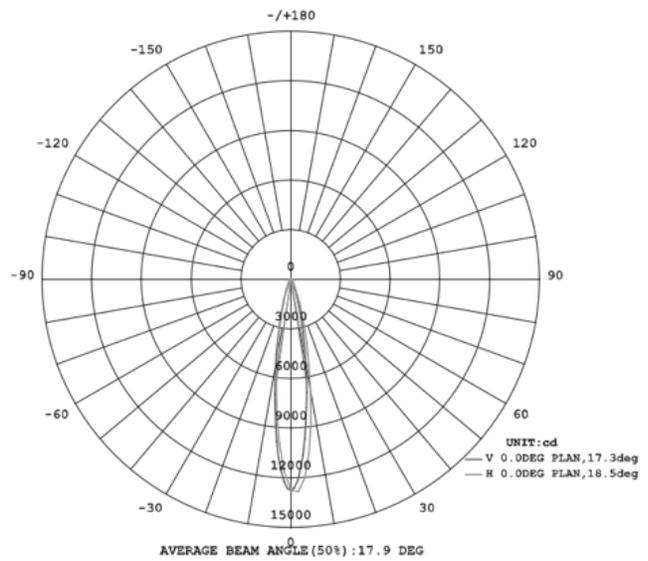
RGB



Red



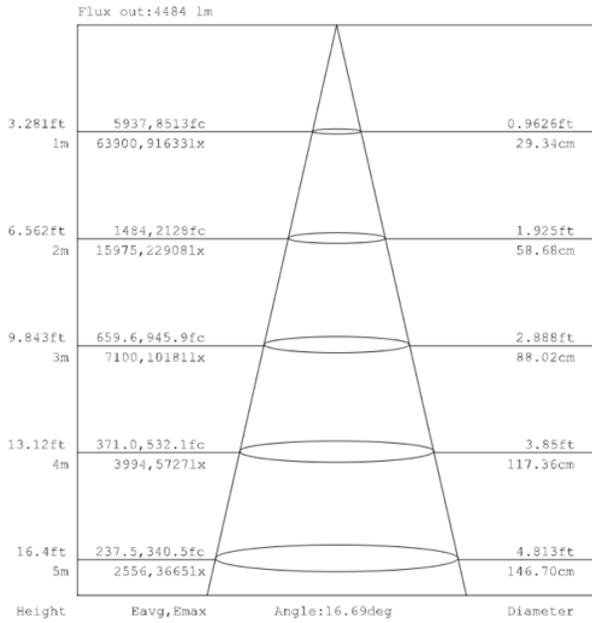
Green



Blue

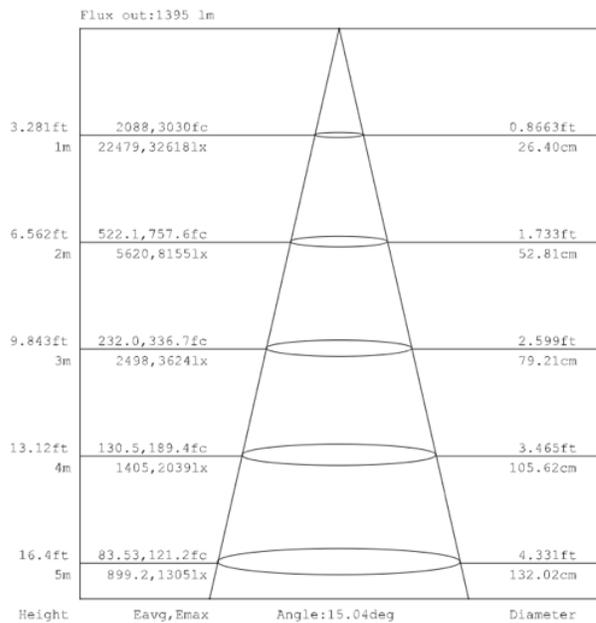
PHOTOMETRICS

216W Beam Angle 15 degrees Illuminance At A Distance:



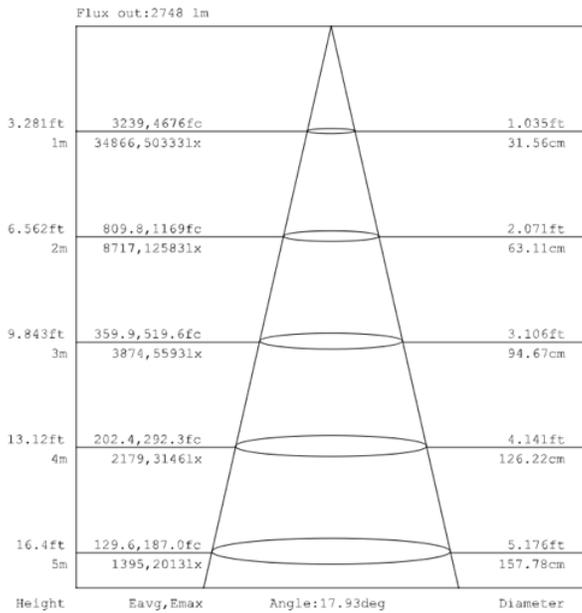
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

RGB



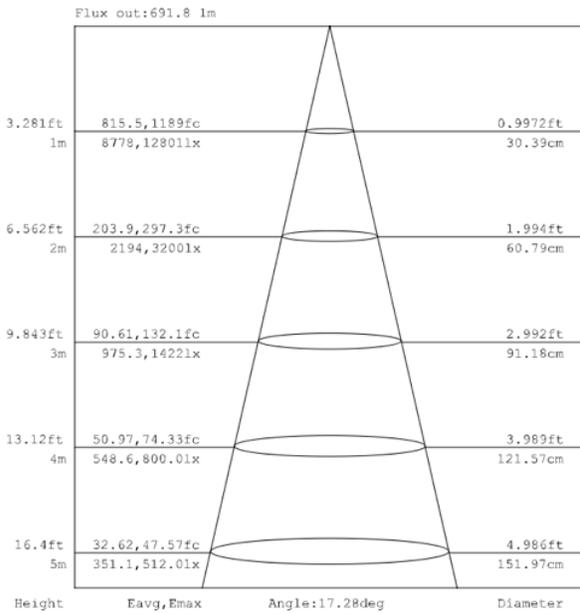
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Red



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Green

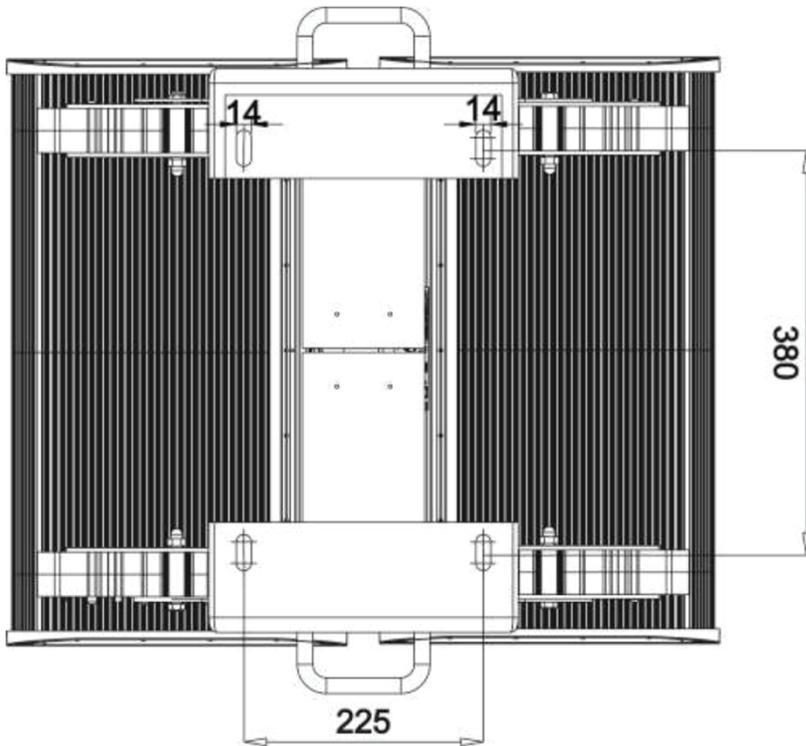


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Blue

INSTALLATION INSTRUCTIONS

Mount the brackets using M10 or M12 tapping screws, mounting bracket dimensions are shown below.

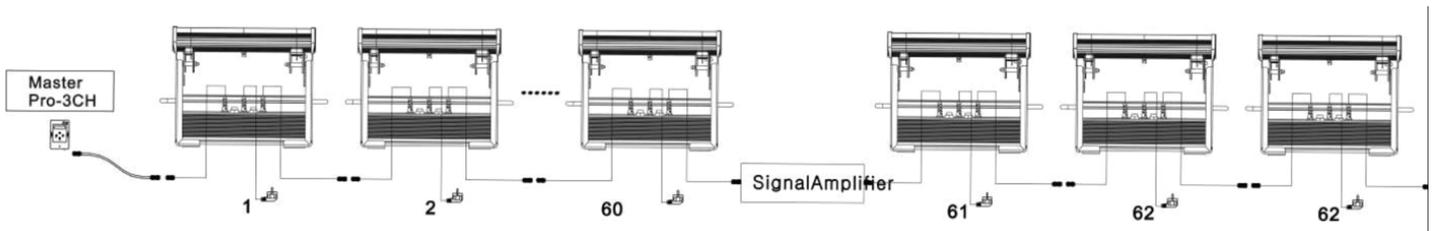


Warning: This model is only intended for floor installation. It must not be installed at significant heights.

CONNECTION

Maximum signal cable length is 100m. Every 100m or 60 fixtures connected needs a signal amplifier.

Optional controller: MASTER PRO, Sunlite, DMX-192C, Madrix, and other DMX controllers.



Warnings:

- Do not plug them into power when the product is still in the package.
- Don't use anything to cover the fixture when installed.
- Don't use this product within an enclosed environment.
- If this product appears to be damaged, do not use.
- Make sure the fixtures are well grounded to avoid electric shock due to the metal housing.