



ACL 360 MATRIX™

SKU# ACL001

The new ACL 360 MATRIX™ is a versatile moving head effect luminaire featuring (25) individual 15W RGBW 4-in-1 LEDs and the new advanced collimator optic lens, which combined produce a laser-like homogenized 4° color-changing beam from each lens which combined produce a 14° beam angle. Features include fast and precise 16-bit continuous full 360° pan and tilt rotation, full individual pixel control, strobe, and selectable dimming curve effects, DMX, RDM (Remote Device Management), KlingNET™ and Art-NET support, 3/5pin XLR, powerCON, and RJ45 ethernet in/out connections, (6) button control full color 180° reversible menu display, 425W max power consumption, and a multi-voltage universal auto switching power supply (100-240v).

FEATURES

Versatile 14° Beam Moving Head Effect Luminaire

New Advanced Collimator Optic Lens

(25) Pixel Controlled 15W RGBW 4-in-1 LEDs

Laser-Like Homogenized 4° Color Changing Beams

Fast and Precise 16-Bit Continuous 360° Pan/Tilt Rotation

Strobe and Selectable Dimming Curve Effects

RDM, KlingNET™ and Art-NET (DMX Over Ethernet)

Flicker Free Operation for Broadcast TV and FILM



PRODUCT SPECIFICATIONS

SOURCE

(25) 15W RGBW 4-in-1 LEDs
100,000 Hour Average Lamp Life

PHOTOMETRIC DATA (14° Full ON)

77,344 LUX 7,185 FC @3.3' (1m)
70,370 LUX 6,537 FC @6.6' (2m)
54,413 LUX 5,055 FC @9.9' (3m)
40,505 LUX 3,763 FC @13.1' (4m)
29,722 LUX 2,761 FC @16.4' (5m)

EFFECTS

Individual Pixel Control
Strobe and Selectable Dimming Curves

COLOR

RGBW

CONTROL / CONNECTIONS

(3) DMX Channel Modes (17 / 19 / 115)
RDM (Remote Device Management)
6 Button Touch Control Panel
Full Color 180° Reversible LCD Menu Display
8 / 16 Bit Resolution Adjustable Movement
3pin/5pin DMX In/Out
RJ45 Ethernet In/Out (KlingNET™ / Art-NET)
powerCON Power In/Out

SIZE / WEIGHT

Length: 19.0" (481mm)
Width: 13.8" (350mm)
Vertical Height: 23.0" (583mm)
Weight: 45.0 lbs. (20.4 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
425W Max Power Consumption
5F to 113°F (-15°C to 45°C)

APPROVALS / RATINGS

CE | IP30

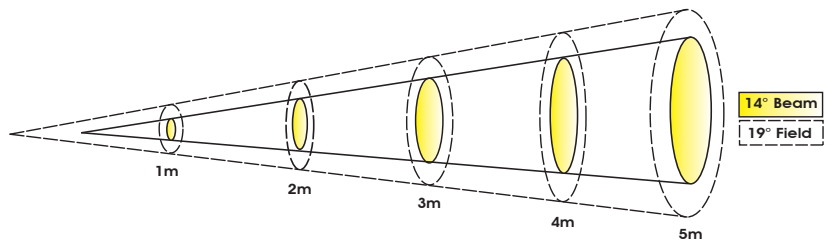
INSTALLATION

Rigging: Clamps (Not Included)
Working Position: Flat Surface / Inverted (180°)

INCLUDED ITEMS

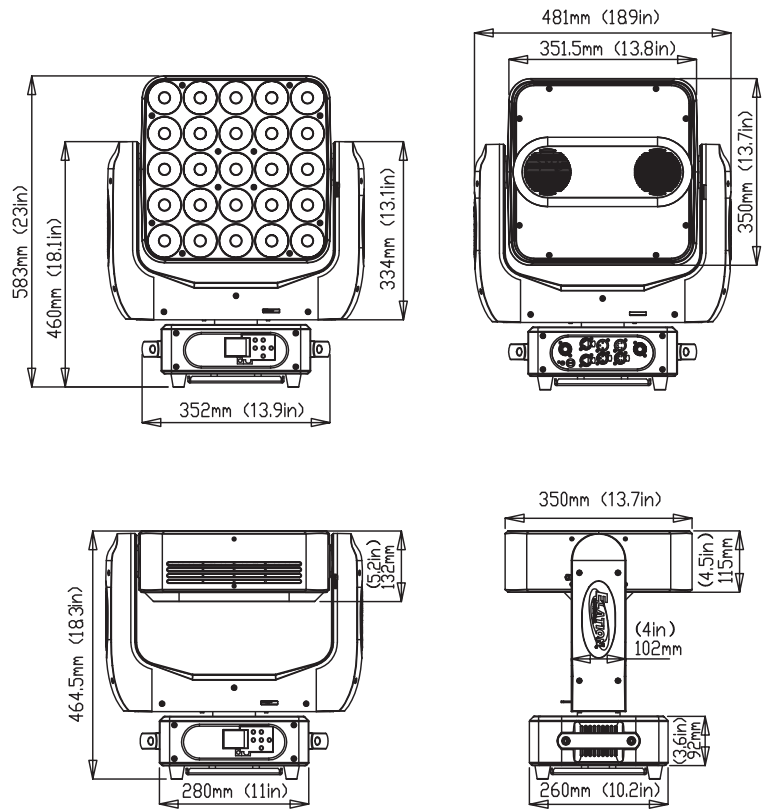
Omega Brackets
powerCON Cable

PHOTOMETRIC DATA



	1 m	3.3 ft	2 m	6.6 ft	3 m	9.8 ft	4 m	13.1 ft	5 m	16.4 ft
14° Beam Diameter	0.28	0.9	0.60	2.0	0.96	3.1	1.27	4.2	1.58	5.2
19° Field Diameter	0.33	1.1	0.69	2.3	1.03	3.4	1.38	4.5	1.72	5.6
	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	15,116	1,404	9,537	886	7,623	708	5,847	543	4,518	420
GREEN LEDs	33,054	3,071	25,468	2,366	18,072	1,679	12,970	1,205	9,849	915
BLUE LEDs	5,263	489	4,632	430	3,873	360	3,095	288	2,201	204
WHITE LEDs	39,711	3,689	30,574	2,840	23,545	2,187	16,999	1,579	12,883	1,197
FULL ON	77,344	7,185	70,370	6,537	54,413	5,055	40,505	3,763	29,722	2,761

DIMENSIONAL DIAGRAMS



OPTIONAL ACCESSORIES

ORDER CODE	ITEM
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
** pending **	Road Case For ACL 360 MATRIX™
EWDMXSYSTEM	Wireless DMX System (1 Transmitter, 1 Receiver)
PLC3	3' (1m) PowerCON PRO Link Cable
CAT6PRO5	5' (1.5m) CAT6 EtherCON Cable
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
	Additional cable lengths available

