Linebot Q480

MEGA LITE®

PRODUCT SPECIFICATION SHEET

DESCRIPTION

Create an unforgettable show with the Linebot Q480. Powered by 12 40-Watt RGBW LEDs, this bot can be used to create desired effects for a variety of applications. Featuring a broad spectrum of colors, it can produce pastel to saturated color combinations. Combined with the 12 individual pixel mapping control, the Linebot Q480 was designed to spread creativity in linear lighting. The high output LEDs can be used to produce aerial effects or highlight performers and objects on or off stage.

With a 3º to 54º zoom range, the unit offers two zoom sections for greater control. It gives the incredible ability to create piercing narrow angles that can form a harmonious curtain of light effect or wide angle wash.

The motorized 210º tilt is further enhanced with the 16 bit movement, for a seamless tilt rotation. It can be grounded or mounted using the included dual quick-release clamps. The removable side alignment guides allow multiple units to be daisy chained efficiently.

Take your show to the next level with the Linebot Q480.

PIXEL CONTROL

The wide range of color mixing and beam effects can be enhanced with the individual pixel control of each RGBW LED.

TILT & ZOOM

With a 3º to 54º zoom range, the unit offers two zoom sections for greater control. The motorized 210º tilt is further enhanced with the 16 bit movement, for a seamless tilt rotation.

VERY BRIGHT

Equipped with 12 powerful 40-Watt RGBW LEDs to produce bright, colorful aerial effects or highlight performers and objects on or off stage.

www.mega.lighting | sales@mega.lighting | (210) 684-2600 | 18668 Bandera Rd, Helotes TX 78023

SOURCE
- LED TYPE: 40-Watt RGBW

OPTICAL SYSTEM
- LENS ANGLE: 3º-54º

EFFECTS
- COLORS: Red, Green, Blue, White
- PIXEL CONTROL: Individual Pixel Control of Each LED
- ZOOM CONTROL: 2 Independent Zoom Sections
- STROBE: Electronic Strobe Effect With Variable Speed

CONTROL & PROGRAMMING
- DISPLAY: Digital
- PROTOCOL: DMX 512
- DMX CHANNELS: 2 Modes of Operation
- ON BOARD FEATURES: Pre-Programmed Macros & Chase Effects at Variable Speeds

MOVEMENT
- TILT: 210º 16 Bit

THERMAL & RATINGS
- MAX AMBIENT TEMP: 104º F / 30º C
- MAX SURFACE TEMP: 140º F / 284º C
- MAX OPERATING TEMP: 130º F / 266º C
- IP RATING: IP20

ELECTRICAL & CONNECTIONS
- POWER CONSUMPTION: Watts: 590W | Amps: 5.04A
- DMX CONNCECTORS: 5-pin XLR In/Out
- POWER CONNECTIONS: Seetronic Type Power In/Out

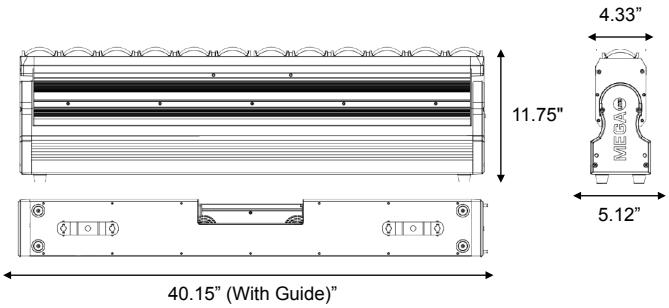
RIGGING:
- INSTALLATION SYSTEM: 2 Mounting Points
- CLAMPS: 2 Quick Release Clamp Mounts

ODERING INFO: **Part Number:**
- 1 LINEBOT Q480: 1188

ACCESSORIES:
- 4 UNIT ROAD CASE Coming Soon

INCLUDED ITEMS:
- 1 LINEBOT Q480
- 2 QUICK RELEASE CLAMP MOUNTS:
- POWER CABLE
- 1 MANUAL

DIMENSIONS:
- FIXTURE SIZE: 40.15” X 5.12” X 11.75”
- FIXTURE WEIGHT: 38.3 lb
- PACKAGED SIZE: 41.5” X 7.25” X 13.5”
- PACKAGED WEIGHT: 39.5 lb



PHOTOMETRICS AT 3M

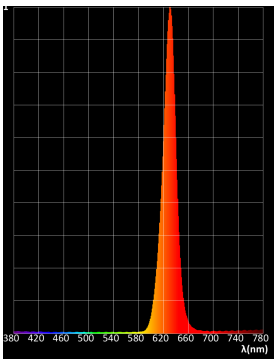
RED	
LUX:	3230.2
WAVELENGTH (λ):	631 nm
FC:	300.2

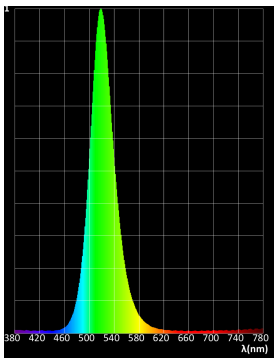
GREEN	
LUX:	6251.2
WAVELENGTH (λ):	518 nm
FC:	581

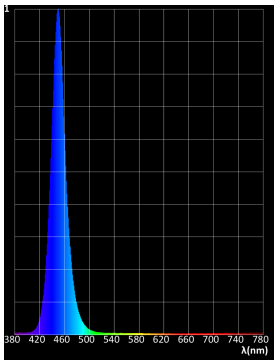
BLUE	
LUX:	1975.5
WAVELENGTH (λ):	450 nm
FC:	183.6

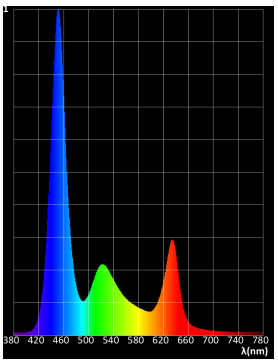
WHITE	
CCT:	6958K
LUX:	8604.8
WAVELENGTH (λ):	452 nm
FC:	799.7

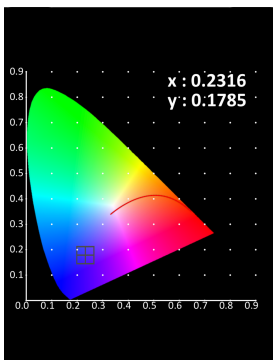
ALL COLORS	
LUX:	17972
WAVELENGTH (λ):	452 nm
FC:	1670.3











PHOTOMETRICS AT 3M (Approximately 10ft):

RED	
LUX:	3230.2
WAVELENGTH (λ):	631 nm
FC:	300.2

GREEN	
LUX:	6251.2
WAVELENGTH (λ):	518 nm
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BLUE	
LUX:	1975.5
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CCT:	6958K
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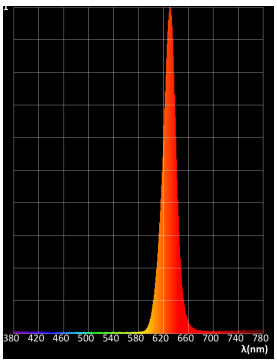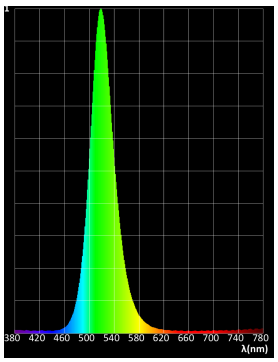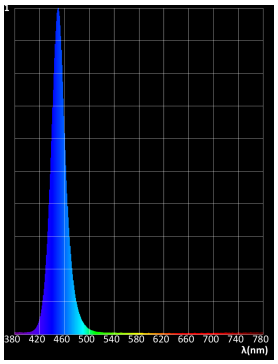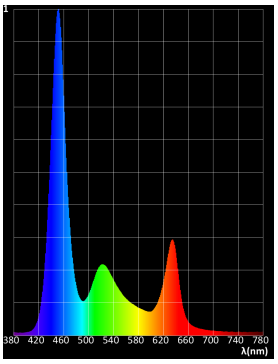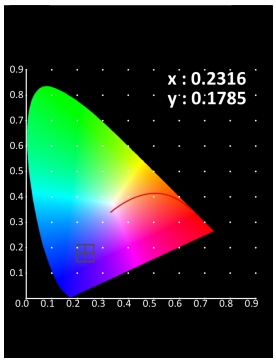
ALL COLORS	
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WAVELENGTH (λ):	452 nm
FC:	1670.3