



# UBL12H



**The ADJ Ultra Series has long provided lighting designers and event producers the creativity to create event linear wash lighting for walls, floors and ceilings. The UBL12H incorporates a lime-infused HEX LED with twelve (12) 20-Watt (Red, Green, Blue, Amber, Lime and UV) LEDs. The added lime chip offers a higher caliber of color indexing with a high CRI of over 90 along with tunable white light control from 2,300K to 9,900K.**

The ADJ Lighting UBL12H, from the unrivaled Ultra Series, is a professional-grade lime-infused 1-meter HEX LED linear fixture that sets a new standard in event lighting. Powered by twelve ultra-bright 20-Watt HEX LEDs (Red, Green, Blue, Amber, Lime, and UV), this fixture is a versatile powerhouse that seamlessly blends color with precision.

The UBL12H takes linear wash lighting to the next level with its high CRI output and linear color temperature control, ranging from 2,300K to 9,900K. The added lime chip enhances color indexing, ensuring a superior visual experience with a CRI exceeding 90. This fixture empowers lighting designers and event producers to craft captivating displays on walls, floors, and ceilings.

Featuring a 17° beam angle and a pixel pitch of 85.5mm, the UBL12H offers smooth RGBAL+UV color mixing and a unique Horizontal Magnetic Alignment feature allows for seamless color output across multiple fixtures. Control is at your fingertips with the OLED display and 4-buttons, offering linear color temperature control and compatibility with the ADJ UC-IR24 remote. The UBL12H supports seven DMX channel modes and offers five operational modes, including Auto Run, Program Mode, Sound Trigger, RGBAL+UV Manual, and DMX-512 Mode. This fixture is RDM compatible.

With an array of features such as LED refresh rate of 1.9KHz, 64 built-in Color Macros, and selectable Dim Modes and Curves, the UBL12H provides unmatched flexibility. Linkable via DMX, this fixture supports daisy-chaining power for up to 17 units (120V) or 32 units (230V). Designed for reliability, the UBL12H is cETLus, CE, FCC certified, and has an IP20 rating.

The UBL12H comes complete with an indoor locking power cord, UC-IR24 remote, and a 20° diffusion filter. Expand the beam angle to 1x40-degrees with the UBL912 linear diffusion lens kit (sold separately). Mount it on the ground or truss with the included brackets. Elevate your lighting experience with the ADJ Lighting UBL12H, where innovation meets versatility for unforgettable visual displays.

## LIGHT SOURCE:

- 12 x 20W Ultra bright (Red, Green, Blue, Amber, Lime and UV) LEDs
- Long Life LEDs (Rated at approximately 50,000 hrs.)
- 17° beam angle (20° with Diffusion Filter)
- CRI >90
- Pixel Pitch: 85.5mm

## FEATURES:

- Linear Color Temperature Control (2,300K to 9,900K)
- Smooth RGBAL+UV color mixing
- Horizontal Magnetic Alignment feature (Built-In)
- Compatible with the included ADJ UC-IR24 remote. Operates at a distance of up to 32.8 feet (10 meters)
- RDM Compatible

## CONTROL:

- Linear Color Temperature Control (2,300K to 9,900K)
- OLED Display with 4-buttons
- 7 DMX Channel Modes: 6, 11, 13, 16, 36, 43, & 46 Channels
- 6 Groups x2 RGBAL+UV LED pixels controllable via DMX in 36, 43 & 46 channel modes
- 5 operational modes: Auto Run, Program Mode, Sound Trigger, RGBAL+UV Manual, and DMX-512 Mode
- LED Refresh Rate: 1.9KHz
- 64 built-in Color Macros
- 6 selectable Dim Modes (Standard, Stage, TV, Architectural, Theatre & Stage 2)
- 4 selectable Dim Curves (Square, Linear, Inv. Square & S. Curve)
- Built-In Microphone for sound trigger
- LED pulse and strobe effect
- Electronic Dimming: 0-100%

## CONNECTIONS:

- Linkable: DMX via 5-pin XLR cable
- Indoor Locking power In/Out to daisy chain power

## ELECTRICAL:

- Multi-voltage operation: AC 100V-240V 50/60Hz
- Power Draw: 61W
- Daisy-chain power link (Up to 17 UBL12H's can be linked @120V and up to 32 UBL12H's can be linked @230V)



With 20° Diffusion Filter on fixture.



**LINEAR COLOR TEMPERATURE CONTROL  
(TUNABLE WHITE)**



**Horizontal Magnetic Alignment feature to lock fixtures together for seamless color output**

## DIMENSIONS / WEIGHT:

- Dimensions (LxWxH): 2.96" x 42.60" x 4.2" (75x1082x106.7mm)
- Weight: 7.50 lbs./ 3.4kg.

## ENVIRONMENT:

- Operational Temperature Range: -1°F ~ 113°F (-20°C ~ 45°C)
- Storage Temperature: -22°F ~ 113°F (-20°C ~ 45°C)

## APPROVALS / RATINGS:

- cETLus (Control # 4002034)
- CE
- FCC
- IP20

## WHAT'S INCLUDED:

- (1) Indoor Locking Power Cord
- (1) UC-IR24
- (1) 20° Diffusion Filter
- Includes mounting brackets to set on the ground or to mount a clamp to for truss mounting

## OPTIONAL ACCESSORIES:

- (1) 1x40° Linear Diffusion Lens (SKU: UBL912)

Includes UC-IR24  
Wireless Remote

