

# Linee™

The Linee produces a powerful zoomable blade of light, which either cuts through the air easily or creates beautiful soft wash light.

**Light source**

5x 30W RGBW LED multichips

**Zoom range**

4°-33°

**Effects**

Beam Effect Engines, Pixel Control, continuous pan/tilt rotation



This continuously rotatable unit has a zoom range from 4° to 33° and each pixel can be individually controlled. The unit, which is well combinable with the Square and is of the same width, consists of a line of five 30W RGBW multichips. Turn The Linee into an effect light with the implemented Beam Effect Engines. The light output can be quickly turned into a dynamic ray of microbeams in the air. These Effect Engines can be rotated in both directions at variable speed. The product has ethernet pass through and implemented Kling-Net protocol for easy video mapping and control.

# Technical Specification

## Source

- Light source: 5x 30W RGBW LED multichips
- LED Life Expectancy: minimum 20 000 hours
- Typical Lumen Maintenance: 70% @ 20 000 hours

## Optical system

- Beam angle: Zoom range 4°-33°

## Electromechanical effects

- High efficient component optics
- Optical lenses with compensated colour aberration
- 3 independently controllable Beam Effect Engines, creating dynamic rays of microbeams in the air
- Individual control of each RGBW pixel
- Colour mixing system: RGBW/CMY
- Variable CTO
- Virtual colour wheel with pre-programmed: 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K, 8.000 K)
- Tungsten lamp effect at whites 2.700 K and 3.200 K (red shift and thermal delay during dimming)
- Colour rainbow effect with variable speed
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and directions
- High resolution dimmer: 0-100%
- Strobe effect: variable speed (max. 20 flashes per second)
- Preprogramed random strobe & pulse effects
- Pan/Tilt movement 360° with continuous rotation control

## Control and programming

- Setting & Addressing: Robe Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN, Kling-Net
- Optional wireless version available: CRMX™ technology from Lumen Radio
- Control channels: 23, 31, 46
- Protocol modes: 3
- Programs: 3 editable programs, each up to 100 steps
- Stand alone operation
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC

- Pan/Tilt resolution: 16 bit
- Zoom: 8 bit
- Dimmer (internal 18 bit): 8 or 16 bit
- Ethernet port: Art-Net, MA Net, MA Net 2, sACN
- Ethernet switch: 10/100 Mbps: 1 x In/1 x Out
- Data in/out: Locking 3-pin & 5-pin XLR
- Built-in analyser for easy fault finding

## **Thermal specification**

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 80 °C (176 °F)

## **Electrical specification**

- Power supply: Electronic auto-ranging
- Input voltage: 100-240 V AC, 50-60 Hz
- Power consumption: 230 W at 230 V / 50 Hz
- Power in/out: Neutrik powerCON TRUE1 in/out
- Compliance: CE, cETLus compliant

## **Mechanical specification**

- Height: 455 mm (17,9") - head in vertical position
- Width: 515 mm (20,3")
- Depth: 233 mm (9,2")
- Weight: 14,2 kg (31,3 lbs)
- Fixation option: Pan/Tilt-lock mechanism

## **Rigging**

- Mounting points: 2 pairs of ¼-turn locks
- Omega brackets: 2x Omega bracket with ¼-turn quick locks
- Safety points: 1x Safety attachment point