

# Square™

The ROBE Square™ offers new exciting possibilities by combining video projection, pixel animations, beam effects and LED wash light all in a continuous rotation movement fixture.

**Light source**

25x 30 W RGBW multichips

**Light output**

35.000 lx @ 5 m / 6.960 lm

**Zoom range**

Zoom range (5 LED lines ON): 4°-48° (60° with 2 LED lines ON)

**Effects**

pixel control, 5 independent zooming layers, 9 beam effect engines



LED matrix of 25 powerful RGBW multichips in pixel mappable array can be controlled via traditional RGB channels or via easy-to-use network driven application. Nine individually controllable effect engines can create beam effects or in-air animations. Five independent zooming layers offer unique possibilities of zoom waves and combination of wash coverage on the edges and beam effect in the center at the same time. Continuous rotation movement of pan and tilt offers creation of video as well as scenographical elements on the scene.

# Technical Specification

## Source

- Light source type: 25x 30 W RGBW multichips
- Fixture total lumen output: 6.960 lm
- Light output: 35.000 lx @ 5 m
- Light source type: 25x 30 W RGBW multichips
- Fixture total lumen output: 6.960 lm
- Light output: 35.000 lx @ 5 m

## Electromechanical effects

- High efficient component optics
- Optical lenses with compensated colour aberration
- Zoom range (5 LED lines ON): 4°-48° (60° with 2 LED lines ON)
- High efficient component optics
- Optical lenses with compensated colour aberration
- Zoom range (5 LED lines ON): 4°-48° (60° with 2 LED lines ON)

## 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
- 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

## Thermal specification

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 80 °C (176 °F)
- Maximum ambient temperature: 40 °C (104 °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: max. 800 W

- Power supply: Electronic auto-ranging
- Input voltage: 100-240 V AC, 50-60 Hz
- Power consumption: max. 800 W

## Approvals

- CE Compliant
- cETLus (pending)
- CE Compliant
- cETLus (pending)

## Mechanical specification

- Height: 700 mm (27.6")
- Width: 559 mm (22.0")
- Depth: 321 mm (12.6")
- Height: 700 mm (27.6")
- Width: 559 mm (22.0")
- Depth: 321 mm (12.6")

## Movement

- Pan movement range 360° with continuous rotation control
- Tilt movement range 360° with continuous rotation control
- 16 bit movement resolution
- Pan movement range 360° with continuous rotation control
- Tilt movement range 360° with continuous rotation control
- 16 bit movement resolution

## Rigging

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