

# SuperSpikie™

Like the Spikie? You'll LOVE the SuperSpikie.

Bigger, brighter and bolder, the SuperSpikie takes the look to another level. Four times brighter than the original Spikie and with the addition of rotating gobos - this effects machine has even more looks to blast through its 165mm lens front. The Zoom is bigger too. From a 3,5° beam to a soft wash at 42°, the CMY or RGBW colour mix looks rich. In-air effects using different combinations of the gobos, prism or flower effect feature, make this a versatile stage, set or studio piece. With the ability to mount it in any position, the fast 360° continuous pan and tilt motors add yet another dimension.



**LIGHT SOURCE**  
250W RGBW LED



**LIGHT OUTPUT**  
4 100 lm



**ZOOM RANGE**  
3.5°-42°



**EFFECTS**  
Flower Effect, Colour Rainbow Effect, 3 Facet Prism, Rotating gobo wheel

# Technical Specification

## SOURCE

- Light source type: 250W RGBW LED multichip
- LED life expectancy: min. 20 000 hours
- Typical lumen maintenance: 70% @ 20 000 hours

## OPTICAL SYSTEM

1. Robe's proprietary optical design
  2. High - efficiency zoom optical system, ratio 12:1
  3. Zoom range:
    - 3.5° - 35° Beam mode
    - 5° - 42° Wash mode
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- Output lens diameter: 165 mm
  - Fixture total lumen output: 4.100 lm

## DYNAMIC EFFECTS

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700 K and 3.200 K (red shift and thermal delay)
- Colour rainbow effect with variable speed
- Rotating gobos: 2 rotating, indexable and replaceable, specifically designed for mid-air effects
- Innovative Flower Effect: rotating in both directions at variable speed (patent pending)
- Prism 1: 3-facet circular prism rotating in both directions at variable speeds
- Frost: 20°
- Motorized zoom
- Shutter: Electronic with variable speed strobe (max.20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%

## CONTROL AND PROGRAMMING

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 1
- Control channels: 31
- Pan/Tilt resolution: 16 bit
- RGBW / CMY: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## MOVEMENT

- Pan movement range 360° with continuous rotation control
- Tilt movement range 360° with continuous rotation control
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction

## THERMAL SPECIFICATION

- Maximum ambient temperature: 45 °C (113°F)
- Maximum surface temperature: 80 °C (176 °F)
- Minimum operating temperature: -5°C (23°F)

## ELECTRICAL SPECIFICATION AND CONNECTIONS

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 330 W at 230 V / 50 Hz
- Power in/out connector: Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

## MECHANICAL SPECIFICATION

- Height: 632 mm (24.9")
- Width: 399 mm (15.7")
- Depth: 252 mm (9.9")
- Weight: 18 kg (39.7 lbs)

## RIGGING

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Safety cable attachment point

## INCLUDED ITEMS

- User Manual
- Omega Adaptor CL-regular: 2 pcs

## ACCESSORIES

1. Doughty Trigger Clamp: 17030386
2. Safety wire 35 kg: 99011963
3. Line cords powerCON TRUE1 In:
  - Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor 13052405
  - Mains Cable powerCON TRUE1 In/US, 2m, Indoor 13052406
  - Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor 13052445
  - Mains Cable powerCON TRUE1 In/open ended, 2m, Indoor 13052407

- Line cords powerCON TRUE1 In/Out:
  - Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor 13052439
  - Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor 13052440
  - Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor 13052444
- Single Top Loader Case
- Dual Top Loader Case
- Quad Top Loader Case
- Foam Shell

## LEGAL

- SuperSpikie™ is a registered trademark of Robe lighting s. r. o.
- SuperSpikie™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

## ROTATING GOBOS

- 2x rotating glass gobos
- Image diameter: 23.0 mm
- Outside diameter: 26.8 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm