

# SuperSpikie™

Bigger, brighter and bolder, the SuperSpikie takes the look to another level.

**Light source**

250W RGBW LED

**Light output**

5.105 lm

**Zoom range**

3.5°-42°

**Effects**

MCFE™ - Multi-Coloured Flower Effects (patented), Colour Rainbow Effect, 3 Facet Prism, Rotating gobo wheel



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 Robe patented MCFE™ - Multi-Coloured Flower Effects, 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.

# 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

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

## Dynamic Effects and Features

- 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
- MCFE™ - Multi-Coloured Flower Effects - creating spectacular multicolour beam effects in the air rotating in both directions at variable speed (patented)
- 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, Kling-Net
- 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 540° with continuous rotation control
- Tilt movement range 360° with continuous rotation control
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction

## Rotating gobos

- 2x rotating glass gobos
- Image diameter: 22.5 mm
- Outside diameter: 26.8 mm
- Thickness: 1.1 mm
- Max. thickness: 3.5 mm

## Thermal specification

- Maximum ambient temperature: 45 °C (113°F)
- Maximum surface temperature: 70 °C (167 °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

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 670 mm (26.4")
- Width: 399 mm (15.7")
- Depth: 250 mm (9.8")
- Weight: 19 kg (41.9 lbs)
- Ingress protection rating: IP20

## 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

## Optional accessories

- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- 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: 10120246
- Dual Top Loader Case: 10120247-01
- Quad Top Loader Case: 10120248-01
- Foam Shell: 20020341

## 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

## Gobos&Colours

### Rotating Gobo Wheel



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