

Spikie®

Spikie®

ROBIN®
Spikie®

ROBE®

60W
RGBW LED

CONTINUOUS
PAN&TILT
ROTATION

SUPER
FAST
MOVEMENT

SMALL
COMPACT
LIGHTWEIGHT

Packaging

4-unit Foam Shell only

Single Spikie
in Cardboard

4-unit Foam Shell in Card-
board including 4 Spikies

Single Top Loader
Case Spikie

Eight-Pack Top Loader
Case Spikie



Exterior dimensions

525 x 560 x 395 mm
(20.7" x 22.0" x 15.6")

300 x 380 x 480 mm
(11.8" x 15.0" x 18.9")

530 x 565 x 420 mm
(20.9" x 21.9" x 16.5")

340 x 380 x 560 mm
(13.4" x 15.0" x 22.0")

1200 x 600 x 660 mm
(47.2" x 23.6" x 26.0")

 **ROBIN®**
Innovative Technology

www.robe.cz

ROBE®

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WASH
BEAM

ZOOM
4°–28°

FLOWER
EFFECT

BEAM
SPLITTER

Technical Specification

Spikie®

Product diagrams

Spikie, a small, super fast LED WashBeam, which utilises a single 60W RGBW light source with a specially designed 110 mm wide front lens producing a solid beam. The fixture quickly zooms from a soft wide 28° wash to a tight sharp-edged 4° beam or one of two new stunning air effects.

The new innovative Flower Effect creates sharp multicoloured spikes of light, rotating in both directions at variable speed. Additionally, a unique Beam Effect Engine transforms the output into a dynamic ray of three narrow beams, creating another new visual effect to the show.

Continuous rotation of pan and tilt gives new dynamic elements across the stage.

Spikie is a very compact 7.3 kg fixture, which can be hung in any position. It is supplied complete with one Omega bracket and is available in cardboard, single- and eight-way cases.

Source

- Light source: 60W RGBW LED
- LED life expectancy: min. 20.000 hrs
- Typical lumen maintenance: 70% @ 20.000 hrs

Optical System

- Output Lens diameter: 110 mm
- Beam angle: Zoom range 4.0°-28.0°

Electromechanical Effects

- RGBW (CMY) colour mixing
- Variable CTO 2.700 - 8.000 K
- Virtual colour wheel with 66 preset LEE swatches + Rainbow effect colours
- Tungsten lamp emulation: Whites 2.700 K and 3.200 K
- Colour rainbow effects in both directions with variable speed
- 3-facet circular prism rotating in both directions at different speeds
- Flower Effect – creating spectacular beam effects in the air
- High resolution electronic dimming 0-100%
- Strobe effect with variable speed (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- Motorized zoom
- Pan movement range: 540° with continuous rotation control
- Tilt movement range: 360° with continuous rotation control

Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max.200 W at 230 V / 50 Hz
- Power in/out: Neutrik powerCON TRUE1 in/out

Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Optional wireless version: CRMX™ technology from Lumen Radio (on request)
- Protocol modes: 2
- Control channels: 27, 21
- Programs: 6 editable, each up to 25 steps
- Stand-alone operation
- Pan/Tilt resolution: 16 bit
- Movement control: Tracking and vector
- RGBW or CMY: 8 or 16 bit
- Zoom: 8 or 16bit
- Dimmer: 8 or 16bit
- Data in/out: Locking 5-pin XLR
- Built-in analyser for easy fault finding

Thermal Specification

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

Mechanical Specification

- Height: 407 mm (16") – head in vertical position
- Width: 273 mm (10,7")
- Depth: 225 mm (8,6")
- Weight: 7,3 kg (16.1 lbs)

Rigging

- Mounting points: 1 pair of ¼-turn locks
- 1 x Omega bracket with ¼-turn quick locks



Innovative Flower Effect

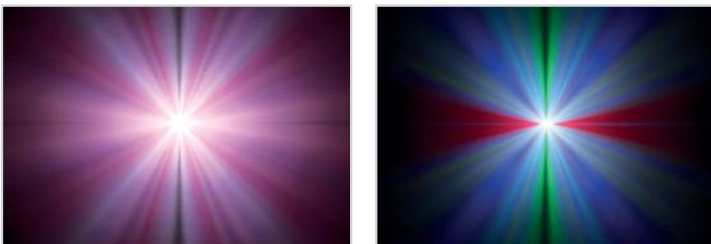
The new innovative Flower Effect creates sharp multicoloured spikes of light, rotating in both directions at variable speed (Patent pending)

Beam Effect Engine

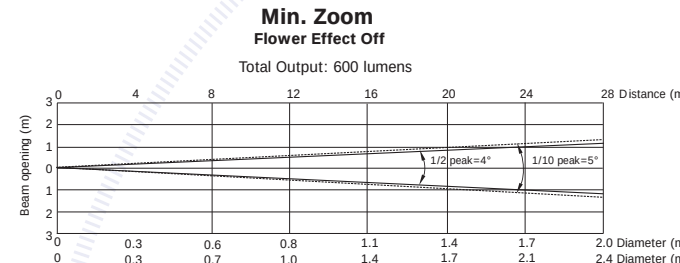
A unique Beam Effect Engine transforms the output into a dynamic ray of three narrow beams, creating another new visual effect to the show.



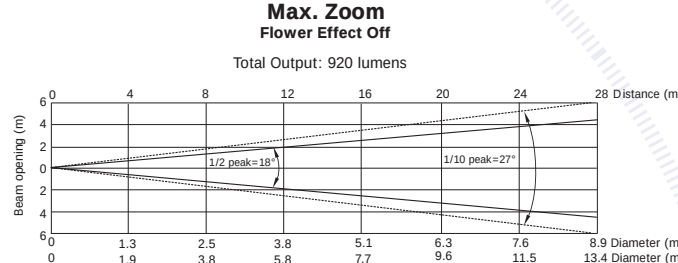
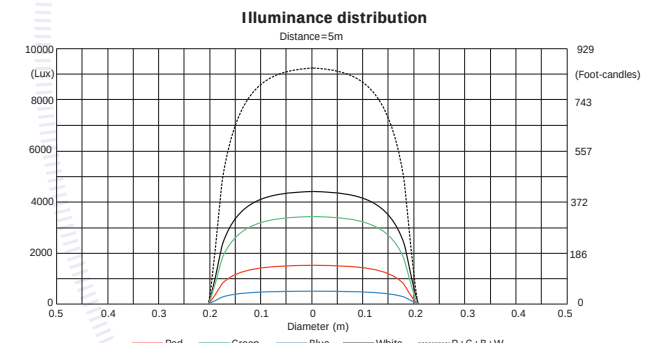
Flower Effect



Beam Effect



Distance (m)	4	5	8	12	16	20	24	28	
Red	2422/225	1550/144	605/56	270/25	151/14	97/9	67/6	50/5	Intensity (candelas) Lux/Footcandelas
Green	5156/479	3300/307	1290/120	573/53	322/30	206/19	143/13	105/10	
Blue	765/71	490/46	191/18	85/8	48/4	31/2.8	21/2	16/1.5	
White	6875/639	4400/409	1718/160	764/71	430/40	275/26	191/18	140/13	
R+G+B+W	14484/1346	9270/861	3621/336	1609/150	905/84	579/54	402/37	296/28	



Distance (m)	4	5	8	12	16	20	24	28	
Red	125/12	80/7.4	31/3	14/1.3	8/0.7	5/0.5	4/0.3	2/0.2	Intensity (candelas) Lux/Footcandelas
Green	266/25	170/16	66/6.2	30/2.7	17/1.5	10/1	7/0.7	5/0.5	
Blue	40/3.8	26/2.4	10/0.9	5/0.4	3/0.2	2/0.2	1/0.1	0.8/0.1	
White	344/32	220/20	87/8	38/4	22/2	14/1.3	9/0.9	7/0.7	
R+G+B+W	727/68	465/43	180/17	80/8	45/4.2	29/2.7	20/1.9	15/1.4	

