

Spiider®

The Robe Spiider® - Our super bright LED WashBeam luminaire has truly set the benchmark in performance! Using 18 x 40 Watt and 1 x 60 Watt LEDs, combined with a highly efficient 12,5:1 zoom optical system, ranging from tight 4° Beam to wide 50° Wash, makes the Spiider® the leader in its class. Beautiful convergence of hard edge in-air effects, punchy beams and smooth, homogenized rich colour washes are all encapsulated in the unique Spiider®!

**Light source**

1x 60W RGBW and 18 x 40W RGBW LED multichips

**Light output**

13.700 lm, 50.100 lx @ 5m

**Zoom range**

4° - 50°

**Effects**

pixel control, MCFE™ - Multi-Coloured Flower Effects (patented), virtual colour wheel, tungsten lamp effect, preprogrammed pixel effects

The Spiider® product family truly sets itself apart. With the eye-catching Robe patented MCFE™ - Multi-Coloured Flower Effects - emitting sharp, multi-coloured spikes of light, including variable speed and rotation direction control to further increase the projection of charismatic in-air animations. Dynamic video effects are easily achieved by mapping individual pixels and controlled by DMX desk or media servers via sACN with internal HTP merging, DMX or by Kling-Net protocol. Equipped with Robe's innovative lens coating technology, the lenses keep bright and clear, with no scratches or marks, providing higher light output for longer intervals between cleaning.

Perfect colour and dimming control are available via RGBW and CMY colour mixing modes; our 18 Bit L3™ Low Light Linearity dimming software for imperceptible fades to black; variable CCT of 2.700K - 8.000K; tungsten emulation simulating the red shift and thermal delay of tungsten lamps for whites from 2.700K - 4.200K; and our DataSwatch™ 237 pre-programmed colour library.

Technical Specification

Source

- Light source type: 1x 60W RGBW and 18x 40W RGBW LED multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
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Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 12,5:1
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- Zoom range: 4° - 50°

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Individual control of each RGBW pixel
- Variable CTO: 2.700K - 8.000K
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- Individual control of each RGBW pixel
- Variable CTO: 2.700K - 8.000K

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
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Movement

- Pan movement: 540°
- Tilt movement: 220°
- Movement control: Standard and Speed
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- Tilt movement: 220°
- Movement control: Standard and Speed

Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 75 °C (167 °F)
- Minimal operating temperature: - 5°C (23 °F)
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- Maximum surface temperature: 75 °C (167 °F)
- Minimal 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. 660 W
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- Power consumption: max. 660 W

Approvals

- CE Compliant
- cETLus Compliant
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Mechanical specification

- Height: 477 mm (18.7")
- Width: 390 mm (15.3")
- Depth: 252 mm (9.9")
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- Width: 390 mm (15.3")
- Depth: 252 mm (9.9")

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
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- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector
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- Power cord including powerCON TRUE1 In connector

Optional accessories

- Diffusion filter 2°: 10980416
- Clear lens cover: 10980607
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Legal

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