ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

iSpiider®

Unlike other spiders, our new IP65 rated iSpiider®, with its highly advanced protective design, is perfectly happy to play in the rain!

Light source

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

Light output

13.100 lm, 49.000 lx @ 5m

Zoom range

4° - 50°

Effects

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

Ideally suited for festivals, concerts and outdoor events, or any scenario needing to deal with inclement or unpredictable weather, the iSpiider® is a bright, high-performance rated WashBeam luminaire, retaining all the favourite features of its phenomenally successful indoor relative, the Spiider®.

Designed, developed, and manufactured, to be sealed against water and particle ingress, thereby strictly adhering to their IP65 rating, you can be confident of both its protection and performance.

Their aluminium housing gives a dust-free environment for the optics, eliminating the need for frequent cleaning and routine maintenance.

By including NFC (Near-Field Communication) technology, you can access setup, diagnostic and performance features, even when the fixture is not powered, directly from your mobile device using the Robe Com app.

iSpiider® uses the same 18 x 40-Watt, and 1 x 60-Watt LED source as the original, with the identical 12.5:1 zoom optical system, giving the same, tight 4° Beam to wide 50° Wash.

The unique Robe patented MCFE™ - Multi-Coloured Flower Effect, driven by the center 60W RGBW LED multichip, produces sharp, multicoloured spikes of light, rotating in both directions at variable speed, adding visual impact to any show.

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All control protocols are present, with dynamic video effects achieved by mapping individual pixels, controlled by DMX control desks, media servers via sACN with internal HTP merging, or Kling-Net.

Designed to be used indoors or out, we make fixture swap with the original Spiider® easy, as the DMX control channels, operating speeds, and feature set of both luminaires are identical.

iSeries – Robe reliability in all weathers.

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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
- Zoom range: 4° - 50°
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- High-efficiency zoom optical system, ratio 12,5:1
- Zoom range: 4° - 50°

Dynamic Effects and Features

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

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, built-in analyser for easy fault finding, NFC app controller
- 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)
- Minimum operating temperature: -10°C (14°F)
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- Maximum surface temperature: 75°C (167°F)
- Minimum operating temperature: -10°C (14°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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- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 660 W

Approvals

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

Mechanical specification

- Height:
  - 534 mm (21.0") – head in vertical position
  - 595 mm (23.4") – head in horizontal position
- Width: 450 mm (17.7")
- Height:

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- 534 mm (21.0") – head in vertical position
- 595 mm (23.4") – head in horizontal position
- Width: 450 mm (17.7")

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

Optional accessories

- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Single Top Loader Case: 10120277
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- Safety wire 36 kg: 99011963
- Single Top Loader Case: 10120277

Legal

- iSpiider® is Registered Trademark of Robe lighting s. r. o.
- iSpiider® is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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