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

Tel: +420-571-751500
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LEDBeam 350™

Bigger, bolder, brighter! Building on the highly successful LEDBeam 150™ the big brother LEDBeam 350™ has arrived, delivering more punch and presence to create even more fast sweeping beams and gorgeous washes.

Light source

12x 40W RGBW multichips

Light output

8.200 lm, 28.200 lx @ 5 m

Zoom range

3,8° – 60°

Maintaining the spectacular 3.8° to 60° zoom range and Robe's innovative lens coating technology, which keeps lenses clearer and scratch-free, we have added more advanced technology. CPulse™, our highly respected Pulse Width Modulation control system, removes any on-screen camera flicker, making LEDBeam 350's eminently suitable for work with the most advanced HD and UHD cameras.

All features, including fast movement, colour mixing, zoom and control from its smaller sister can be maintained via a compatibility mode, meaning seamlessly use both models together with identical behaviour on the same rig. The 12x 40W RGBW high power multichips provide plenty of output with RGBW or CMY colour mixing control. DataSwatch™ contains 66 premixed colours and tones, including whites, for fast, reliable colour selection, while our system takes care of imperceptible fades to black.

Being exceptionally quiet, due to the advanced cooling system and new super smooth zoom stepper motors, tungsten lamp emulation for lamps 2500W, and a variable CTO from 2.700K to 8.000K, the fixture is ideal for theatrical use.

The LEDBeam 350™ FW version offers a Fresnel-Wash type of beam for smoother edges and better colour homogenization.

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Technical Specification

Source

- Light source type: 12x 40W RGBW 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 15,5:1
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- High-efficiency zoom optical system, ratio 15,5:1
- Zoom range: 3.8° - 60°

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- White light: Variable CCT 2.700K - 8.000K
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Colour mixing mode RGBW or CMY
- White light: Variable CCT 2.700K - 8.000K
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K

Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
- Protocols:
  - USITT DMX-512, RDM
  - ArtNet, MA Net, MA Net2, sACN - on request
- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
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- ArtNet, MA Net, MA Net2, sACN - on request

Movement

- Pan movement:
  - 540° standard
  - 450° reduced
- Tilt movement: 228°
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  - 540° standard
  - 450° reduced
- Tilt movement: 228°

Thermal specification

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

Noise Levels

- Sound pressure level:
  - 31 dB(A) at 1 m (quiet mode)
  - 34 dB(A) at 1 m (auto mode)
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  - 31 dB(A) at 1 m (quiet mode)
  - 34 dB(A) at 1 m (auto mode)
- Sound power level:

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 450 W
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- Power consumption: Max. 450 W

Approvals

- CE Compliant
- cETLus Compliant
- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 426 mm (16.8") – head in vertical position
- Width: 320 mm (12.6")
- Depth: 220 mm (8.7") – head in vertical position
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- Width: 320 mm (12.6")
- Depth: 220 mm (8.7") – head in vertical position

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
- OmOmega Adaptor CL-regular 2 pcs: 10980033
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Optional accessories

- Diffusion filter (2° FW): 10980559
- Wireless DMX external module: 10980127
- EggCrate: 10980560
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Legal

- LEDBeam 350™ is a Trademark of Robe lighting s. r. o.
- LEDBeam 350™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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