

ROBIN® 600E Beam

The ROBIN 600E Beam has an amazing linear iris ranging between 1 and 6.5 degrees.

By implementing this feature over a wider range, users can have full control over the beam size. It has also enabled the provision of more gobos in the gobo wheels for customizable beam shaping. Two black hole positions are available for a full and fast blackout in dark-sensitive environments. The extended focusing range also allows for very precise focusing, starting with closer distances.



Technical Specification

SOURCE

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX28
- Approved model Philips MSR Gold 575/2 MiniFastFit
- Control: Automatic and remote on/off
- Ballast: Electronic

OPTICAL SYSTEM

- Dichroic glass reflector for maximising the light efficiency
- Beam angle: 1° - 6.5° (linear control)

ELECTRICAL SPECIFICATION

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 760 VA at 230 V/50 Hz

MECHANICAL SPECIFICATION

- Height: 648 mm (25.5 ")
- Width: 433 mm (17.0 ")
- Depth: 458 mm (18.0 ")
- Weight: 21.5 kg (47.4 lbs)
- Fixation option: Pan/Tilt-lock mechanism

THERMAL

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

ROTATING GOBOS

- Glass gobos - outside diameter: 26.8 mm, max. thickness: 4.0 mm, high temperature borofloat or better glass

CONTROL AND PROGRAMMING

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Control channels: 18, 20, 26
- 3 DMX protocol modes
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC
- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16bit
- Static gobo wheel positioning: 8 or 16bit

- Rotating gobos: 8 or 16bit
- Iris: 8 or 16bit
- Frost: 8 bit
- Focus: 8 or 16bit
- Dimmer: 8 or 16bit
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Built-in analyser for easy fault finding
- Optional wireless version available: CRMX™ technology from Lumen Radio

ELECTROMECHANICAL EFFECTS

- Cyan: 0-100%
- Magenta: 0-100%
- Yellow: 0-100%
- Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
- Static Gobo wheel: 7 black and white gobos + open
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" dichroic and glass gobos + open
- Iris: Motorized, stepless
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobbing "ZAP"
- Motorized focus
- Pan: 540°
- Tilt: 260°

RIGGING

- Mounting points: 2 pairs of ¼-turn locks
- 2 x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point

gobos & colours

ROTATING GOBO WHEEL



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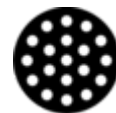
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COLOUR WHEEL



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FIXED GOBO WHEEL



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