

ROBIN® 300E Beam

The ROBIN® 300E Beam uses a Philips MSD Gold 300/2 MiniFastFit lamp and has a beam angle of 1.5 - 6.5 degrees, complete with dichroic glass reflector for maximising the light output.

As with all Robe fixtures, there is a host of creative features. In addition to full colour mixing, there is a colour wheel with 7 replaceable "SLOT&LOCK" dichroic filters, plus static and rotating gobo wheels. The ROBIN® 300E Beam has a variable frost effect for the smooth transition from a beam light to a regular wash light. Full dimming a variable strobe effect and a pan and tilt of 540/260 degrees are also onboard. The ROBIN® 300E Beam is robustly engineered to Robe's exacting specifications and reliability standards.



Technical Specification

SOURCE

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX28
- Approved model: Philips MSD Gold 300/2 MiniFastFit
- Control: Automatic and remote on/off
- Ballast: Electronic

OPTICAL SYSTEM

- Dichroic glass reflector for maximising the light efficiency
- Beam angle: 1.5° - 6.5°

ELECTRICAL SPECIFICATION

- Power supply: Electronic auto-ranging
- Input voltage range: 100 - 240 V, 50/60 Hz
- Power consumption: 420 VA at 230 V/50 Hz

MECHANICAL SPECIFICATION

- Height: 516 mm (20.3 ") - head in horizontal position
- Width: 433 mm (17.0 ")
- Depth: 458 mm (18.0 ")
- Weight: 19.6 kg (43.0 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: 17, 19, 24
- 3 DMX protocol modes
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- Display: QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation
memory service log with RTC
- Pan/Tilt resolution: 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16 bit
- Static gobo wheel positioning: 8 or 16 bit

- Rotating gobos: 8 or 16 bit
- Frost: 8 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Ethernet port: Artnet 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: 4 gobos + 4 beam reducers
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" dichroic and glass gobos + open
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobbing "ZAP"
- Pan: 540°
- Tilt: 260°

RIGGING

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

gobos & colours

ROTATING GOBO WHEEL



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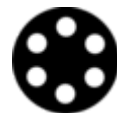
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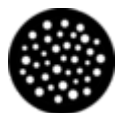
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COLOUR WHEEL



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FIXED GOBO WHEEL



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