

# ROBIN® 300 Spot Classic

This fixture has a host of specially designed modular features including a 12° - 36° zoom, colour wheel, rotating gobo wheel, colour/gobo wheel, rotating prism and many more.

The ROBIN 300E Spot Classic is a punchy profile fixture with features such as linear zoom, a full package of rotating gobos, colour - gobo wheel including 4 colours and 5 static gobos and standard colour wheel. Up to 24 colour mixes can be achieved with a combination of the colour wheel and colour/gobo wheel.



# 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: Magnetic

## OPTICAL SYSTEM

- Dichroic glass reflector for maximising the light efficiency
- Beam angle: 12° - 36°

## ELECTRICAL SPECIFICATION

- Input voltage range: 208/230/240 V, 50/60 Hz
- Power consumption: 475 VA at 230 V/50 Hz

## MECHANICAL SPECIFICATION

- Height: 516 mm (20.3 ") - head in horizontal position
- Width: 433 mm (17.0 ")
- Depth: 470 mm (18.5 ")
- Weight: 23 kg (50.7 lbs)
- Fixation option: Pan/Tilt-lock mechanism

## THERMAL

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 80 °C (176 °F)

## ROTATING GOBOS

- Metal gobos - outside diameter: 26.9 mm, image diameter: 22.5 mm, aluminium, thickness: 0.5 mm
- Glass gobos - outside diameter: 26.8 mm, image diameter: 22.0 mm, thickness: 1.1 mm, max. thickness: 4.0 mm, high temperature borofloat or better glass

## CONTROL AND PROGRAMMING

- Setting & Addressing: 4-digit LED display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Control channels: 16, 18, 24
- 3 DMX protocol modes
- one editable program up to 50 steps
- Stand-alone operation, Master/slave operation
- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16bit
- Colour-gobo wheel positioning: 8 or 16bit
- Rotating gobos: 8 or 16bit

- Zoom/focus: 8 or 16bit
- Dimmer: 8 or 16bit
- Built-in analyser for easy fault finding
- Data in/out: Locking 3-pin XLR

## **ELECTROMECHANICAL EFFECTS**

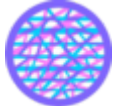
- Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
- Colour-Gobo wheel: 5 replaceable "SLOT&LOCK" static gobos + 4 colour positions + open
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" dichroic and glass gobos + open
- Prism: 3-facet 10° indexable prism rotating in both directions at different speeds
- Dimmer/Shutter: Full range dimming and variable strobe effect
- Motorized zoom and focus
- Pan: 540°
- Tilt: 280°

## **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



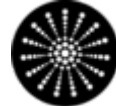
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### COLOUR WHEEL



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99011882



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99011886



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