

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.

● 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

- Outside diameter: 26.8 mm
- Image diameter: 22.0 mm
- Thickness: 1.1 mm (max. thickness=4 mm)
- Recommended glass: 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



ROBIN® 300 Wash Classic



A flexible, lightweight, silent fixture with a zoom range of 10°–35°. The compact dimensions of the ROBIN 300E Wash Classic make it easy to conceal, whilst providing an extremely efficient light output and a stunning colour range from the gentlest of pastels to the richest of saturates.

The enhanced CMS system mixes real colour correction quickly and accurately. The 7+1 colour wheel with its easily replaceable magnetic positions can spin rainbow effects at high and low speeds.

- **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: 10°–35°
- **Electrical Specification**
 - Input voltage range: 208/230/240 V, 50/60 Hz
 - Power consumption: 450 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 518 mm (20.4") – head in horizontal position
 - Width: 433 mm (17.0")
 - Depth: 408 mm (16.1")
 - Weight: 22.6 kg (49.8 lbs)
 - Fixation option: Pan/Tilt-lock mechanism
- **Thermal**
 - Input voltage range: 208/230/240 V, 50/60 Hz
 - Power consumption: 450 VA at 230 V/50 Hz

- **Control and Programming**
 - Setting & Addressing: 4-digit LED display & 4 control buttons
 - Protocols: USITT DMX-512, RDM
 - Control channels: 13, 15, 18
 - 3 DMX protocol modes
 - one editable program up to 50 steps
 - Stand-alone operation, Master/slave operation
 - Pan/Tilt resolution: 8 or 16bit
 - Movement control: Tracking and vector
 - Colour wheel positioning: 8 or 16bit
 - Zoom: 8 or 16bit
 - Dimmer: 8 or 16bit
 - Built-in analyser for easy fault finding
 - Data in/out: Locking 3-pin XLR
- **Electromechanical Effects**
 - Cyan: 0–100 %
 - Magenta: 0–100 %
 - Yellow: 0–100 %
 - Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
 - Dimmer/Shutter: Full range dimming and variable strobe effect
 - Motorized zoom
 - 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
- **Optional Accessories**
 - Front wide-angle lens
 - Top hats



ROBIN[®] 300 Beam Classic



The Robin 300E Beam Classic uses a Philips MSD Gold 300/2 Mini FastFit lamp and has a beam angle of 1.5°–6.5°, complete with dichroic glass reflector for maximising the light output.

The ROBIN 300E Beam Classic has a colour wheel with 7 replaceable 'Slot&Lock' dichroic filters, plus both static and rotating gobo wheels. A variable frost effect ensures a smooth transition from a beam light to a regular wash light, and there is also full dimming, variable strobe effect and pan/tilt of 540/260 degrees.

- **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: 1.5°–6.5°
- **Electrical Specification**
 - Input voltage range: 208/230/240 V, 50/60 Hz
 - Power consumption: 430 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 648 mm (25.5")
 - Width: 433 mm (17.0")
 - Depth: 458 mm (18.0")
 - Weight: 22.4 kg (49.3 lbs)
 - Fixation option: Pan/Tilt-lock mechanism
- **Thermal**
 - Maximum ambient temperature: 45 °C (113 °F)
 - Maximum surface temperature: 80 °C (176 °F)

- **Control and Programming**
 - Setting & Addressing: 4-digit LED display & 4 control buttons
 - Protocols: USITT DMX-512, RDM
 - Control channels: 13, 15, 20
 - 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
 - Static gobo wheel positioning: 8 or 16bit
 - Rotating gobos: 8 or 16bit
 - Frost: 8 bit
 - 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
 - Static Gobo wheel: 4 gobos+4 beam reducers + open
 - 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
 - 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

