

ROBIN® 300E Spot



Onboard is a package of specially designed modular features including a large 10°–40° zoom, CMY+CTO, static and rotating gobo wheels, colour wheel, frost, iris and many more.

ROBIN® 300E Spot light is a neat, punchy profile fixture with superior functions such as a large linear zoom and dynamic hot-spot control, ideal for a wide range of applications.

A full package of rotating and static gobos plus full CMY+CTO and colour wheels give a standard base for any show. Advanced features like variable frost, linear iris, rotating prism and speedy mechanical shutters provide subtle and detailed in-tuning.

● 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: 10°–40°

● Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100–240 V, 50/60 Hz
- Power consumption: 450 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: 20 kg (44.1 lbs)

● 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=4mm)
- Recommended glass: 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: 23, 25, 32
- 3 DMX protocol modes
- 3-editable programs, each up to 99 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: 16bit
- 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: 8bit
- 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

● Electromechanical Effects

- Cyan: 0–100 %
- Magenta: 0–100 %
- Yellow: 0–100 %
- CTO: 0–100 %
- Hot-spot control: Hot-or-not-spot
- Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
- Static Gobo wheel: 9 replaceable "SLOT&LOCK" metal gobos + open
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" dichroic and glass gobos + open
- Iris: Motorized, stepless, up to 3 Hz
- Prism: 3-facet 11° indexable prism rotating in both directions at different speeds
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobbing "ZAP"
- Motorized zoom and focus
- Pan: 540°
- Tilt: 280°

● Rigging

- Mounting points: 2 pairs of ¼-turn locks
- Fixation option: Pan/Tilt-lock mechanism
- 2 x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point



ROBIN® 300E Wash



The ROBIN® 300E Wash will be loved by anyone needing a wide and even wash of colours over a large area provided by a quiet and unobtrusive fixture.

A flexible, lightweight, silent unit with an extremely wide zoom of 4°–40°. The compact dimensions make it easy to conceal whilst providing an efficient wash effect in the gentlest of pastels for the richest of saturated colours. The enhanced CMY+CTO system mixes real colour correction quickly and accurately. The 7+1 colour wheel with its easily replaceable magnetic positions can spin rainbow effects at both high and low speeds. The new innovative remote hot-spot control combined with extremely fast iris is delivers maximum lumen output at any beam angle from 4°–40° – amazing feature – never seen before.

- **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: 4°–40°
- **Electrical Specification**
 - Power supply: Electronic auto-ranging
 - Input voltage range: 100–240 V, 50/60 Hz
 - Power consumption: 400 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: 20 kg (44.1 lbs)

- **Thermal**
 - Maximum ambient temperature: 45 °C (113 °F)
 - Maximum surface temperature: 80 °C (176 °F)
- **Control and Programming**
 - Setting & Addressing: ROBE Navigation System 2 (RNS2)
 - Protocol: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
 - Control channels: 15, 17, 20
 - 3 DMX protocol modes
 - 3-editable programs, each up to 99 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: 16bit
 - Movement control: Tracking and vector
 - Colour wheel positioning: 8 or 16bit
 - Zoom: 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
- **Electromechanical Effects**
 - Cyan: 0–100 %
 - Magenta: 0–100 %
 - Yellow: 0–100 %
 - CTO: 0–100 %
 - Hot-spot control: Hot-or-not-spot
 - Colour wheel: 7 replaceable "SLOT&LOCK" dichroic filters + open, trapezoid shape
 - Dimmer/Shutter: Full range dimming and variable strobe effect, Electronic strobing "ZAP"
 - Motorized zoom
 - Pan: 540°
 - Tilt: 260°
- **Rigging**
 - Mounting points: 2 pairs of ¼-turn locks
 - Fixation option: Pan/Tilt-lock mechanism
 - 2 x Omega bracket with ¼-turn quick locks
 - Safety chain/rope attachment point
- **Optional Accessories**
 - Front wide-angle lens
 - Top hats



ROBIN® 300E Beam



The ROBIN® 300E Beam uses a Philips MSD Gold 300/2 MiniFastFit lamp and has a beam angle of 1.6–6.5 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.

● 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: 6,5 °–1,5 °

● Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100–240V, 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

- Outside diameter: 26.8 mm
- Image diameter: 22 mm
- Thickness: 1.1 mm (max. thickness=4mm)
- Recommended glass: 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

● 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 strobing "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

