

# ROBIN® 600E Wash

The ROBIN 600E Wash also features a massively increased light output and lower power requirements - thanks to an optimized optical path comprising of carefully selected components.



A unique silent control system enables users to carefully adjust the desired noise levels while maintaining the best lamp operating temperatures, due to the newly patented lamp cooling system.

All 'top hat' accessories are compatible with the new ROBIN 600 Wash fixture.

# 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: 10°-35°

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 750 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: 21 kg (46.3 lbs)
- Fixation option: Pan/Tilt-lock mechanism

## Thermal specification

- 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

## Technical specifications

- Control channels: 14, 16, 19
- 3 DMX protocol modes
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- QVGA Robe touch screen with battery backup gravitation sensor or auto screen positioning operation memory service log with RTC
- 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
- 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 %
- 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
- 2 x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point

## Optional accessories

- Front wide-angle lens
- Top hats