

# ROBIN® 300 Plasma Wash

Robe's plasma lightsource revolution continues with this latest addition to the generation of ROBIN® fixtures harnessing the power and sustainability of the LIFI ENT 31-02 plasma source.

The ROBIN® 300 Plasma Wash has a perfect colour rendering index of 94, a CCT of 5400 K and an amazing 10.000 hours average lamp life. The zoom is an impressive 10 - 35 degrees, and onboard effects include smooth, fast colour mixing, including CMY and CTO dichroic colour flag system, plus a colour wheel with 7 replaceable SLOT&LOCK trapezoid shaped dichroics and open position. It's robustly engineered to Robe's exacting standards, and applications will include tours, special events and fixed installations of all types.



# Technical Specification

## LIGHT SOURCE

- Lamp: Plasma source
- Approved model: Lifi ENT 31-02, 266 W, Luminous Flux 18.000 Lm, CCT 5.400 K, CRI=94, lamp life 10.000 Hrs

## OPTICAL SYSTEM

- Hard aluminium reflector
- Beam angle: 10° - 35°

## 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: 595 mm (23.4 ")
- Width: 438 mm (17.2 ")
- Depth: 408 mm (16.1 ")
- Weight: 20.5 kg (45 lbs)
- Fixation option: Pan/Tilt-lock mechanism

## THERMAL

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 80 °C (176 °F)

## CONTROL AND PROGRAMMING

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Control channels: 14, 16, 19
- 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: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16 bit
- Zoom: 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%
- CTO: 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
- 2x Omega bracket with ¼-turn quick locks
- Safety chain/rope attachment point

## **OPTIONAL ACCESSORIES**

- Front wide-angle lens
- Top hats

## **gobos & colours**

### **COLOUR WHEEL**



99011885



99011886



99011887



99011883



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