ROBIN® MMX WashBeam™

Encompassing all the new technologies develeoped for the MMX Spot, the WashBeam provides the lighting designer with a huge range of features and effects in a single fi xture. The Phillips Platinum 35 light source together with the Robe MMX optical system, produces a light output exceeding most traditional 1200 W products.

Robin MMX WashBeam uses innovative internal motorized barndoors module for creating different unique shapes and chases, in the which also simulates barndoor effects. The module consists of four individually controllable blades and is rotatable by 180 degrees. With the change of a lens, the WashBeam switches from a super-fl at, even wash - extendable out to 54 degrees into a tight 3 degree Beam effect machine - both options retaining all the key performance features of the MMX family - including full CMY colour mixing, saturated colour wheel, variable CTO, variable Hot-Spot control, motorised Zoom & Focus and Rotating indexable glass gobos - all adding up to a real advantage over other existing Beam products.

Source

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX36
- Approved model: Philips MSR Platinum 35, 1200 W equivalent
- Control: Automatic and remote on/off
- Ballast: Electronic

Optical System

- Dichroic glass reflector
- Zoom range Beam application: 3°-65°
- Zoom range Wash application: 4°-54°

Electromechanical Effects

- Cyan: 0–100%
- Magenta: 0–100%
- Yellow: 0–100%
- CTO: 0–100%
- Hot-spot control: Variable selection ‘hot spot@ on flat beam
- Colour wheel: 6 dichroic filters + white
- Rotating Gobo wheel: 6 rotating, indexable, replaceable "SLOT & LOCK" glass gobos + open + beam reducer
- Beam Shaper: individual position control of 4 ‘doors’ +/- 90° module rotation
- Dimmer/Shutter: Full range dimming, variable strobe effect, Electronic strobbing "ZAP" effect
- Motorized zoom and focus
- Remote Beam flatness / Hot spot control (patent pending)

Control and Programming

- Colour Touch Screen: ROBE Navigation System 2 (RNS2), battery backup
- Protocols: DMX-512, RDM, ArtNet, MA Net, MA Net2
- DMX Modes (channels): 3 (34, 29, 26)

- 3 user defined programs, each up to 100 steps
- Stand-alone operation
- Pan/Tilt 540°/270°: 8 or 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16bit
- Rotating gobo wheel positioning: 8 or 16bit
- Gobo indexing & rotation: 8 or 16bit
- Wide Zoom: 8 bit
- Zoom: 8 or 16bit
- Focus: 8 or 16bit
- Dimmer: 8 or 16bit
- Internal Barndoor Module Movement/Rotation: 8bit
- Optional wireless version available : CRMX technology from Lumen Radio
- Data in/out: Locking 3-pin & 5-pin XLR, RJ45
- Built-in analyser for easy fault finding

Rotating Gobos

- 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
- Aluminium Gobos - outside diameter: 26.9 mm, image diameter: 22.5 mm, thickness: 0.5 mm

Internal Barndoor

- Four individually controllable blades
- Rotation 0°-180° (all blades together)

Thermal Specification

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 100 °C (212 °F)

Electrical Specification

- Supply input: 100–240V, 50/60 Hz auto ranging
- Power consumption: 1020W max.

Mechanical Specification

- Height: 695 mm (27.4") – head in vertical position
- Width: 446 mm (17.6")
- Depth: 268 mm (10.6”)
- Weight: 25.5 kg (56.2 lbs)

Rigging

- 2 x Omega brackets (supplied) with ¼-turn quick locks
- Pan and Tilt transport locks