

ColorWash 750AT Tungsten™



The ColorWash 750AT Tungsten's potent 750 W halogen lamp makes ideal for theatre, TV and architectural markets, requiring colour temperatures of 3200 K. The beam path is uniform and without hotspots, it has warm colour tones and smooth electronic dimming. The fixture has a 1–12 FPS strobe effect, full CMY + CTB colour mixing system, a rotating beam shaper and a linear zoom ranging between 8° and 45°.

- **Source**
 - Lamp: Halogen Hi-Bright Lamp
 - Base: PGJX50
 - Approved model: Philips Hi-Bright 750 FastFit
 - Control: Automatic and remote on/off
- **Optical System**
 - Dichroic glass reflector for maximising the light efficiency
 - Front Fresnel lens of diameter of 200 mm
 - Beam angle: 8°–45°
- **Electrical Specification**
 - Power supply: Electronic auto-ranging
 - Input voltage range: 110–240 V/ 50/60 Hz
 - Power consumption: 900 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 597 mm (23.5 ") – head in horizontal position
 - Width: 514 mm (20.2 ")
 - Depth: 499 mm (19.7 ")
 - Weight: 30.9 kg (68 lbs)
 - Fixation option: Pan/Tilt-lock mechanism

- **Thermal**
 - Maximum ambient temperature: 40 °C (104 °F)
 - Maximum surface temperature: 120 °C (248 °F)
- **Control and Programming**
 - Setting & Addressing: ROBE Navigation System (RNS)
 - Protocol: USITT DMX-512, RDM support
 - Control channels: 18, 20, 21 or 23
 - 5 DMX protocol modes
 - 3-editable programs, each up to 99 steps
 - Stand-alone operation
 - Display: Blue/white LCD graphic
 - Pan/Tilt resolution: 16bit
 - Movement control: Tracking and vector
 - Beam shaper: 8 or 16bit
 - Zoom: 8 or 16bit
 - Mechanical 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 %
 - CTB: 0–100 %
 - Beam shaper: Indexable, continuous rotation in both directions at different speeds
 - Mechanical Dimmer/Shutter: Full range dimming and variable strobe effect
 - Electronic Dimmer: Full fine dimming
 - Motorized zoom
 - Pan: 530°
 - Tilt: 280°
- **Rigging**
 - Mounting points: 4 pairs of ¼-turn locks
 - 2 x Omega bracket with ¼-turn quick locks
 - Safety chain/rope attachment point
- **Optional Accessories**
 - Module of front wide-angle lens D200
 - Remote Control IR
 - Top Hats



ColorSpot 700E AT™



The ColorSpot 700E AT marks a new series of Robe 700 W moving head fixtures. Featuring the MSR GOLD 700 FastFit, it is ideal for all professional applications and installations. It also offers a full CMY and CTO colour mixing systems, a colour wheel with 7 replaceable "SLOT&LOCK" dichroic filters; a static gobo wheel with 9 replaceable "SLOT&LOCK" gobos and a rotating gobo wheel with 7 replaceable "SLOT&LOCK" gobos; a replaceable animation wheel and a rotating 3-facet prism. The zoom range is 15°–51° and there's also dimmer, shutter, strobe effects.

- **Source**
 - Lamp: Compact high-pressure metal halide lamp
 - Base: PGJX50
 - Approved model: Philips MSR Gold 700 FastFit
 - Control: Automatic and remote on/off
 - Ballast: Electronic
- **Optical System**
 - Dichroic glass reflector for maximising the light efficiency
 - Beam angle: 15°–51°
- **Electrical Specification**
 - Power supply: Electronic auto-ranging
 - Input voltage range: 100–240 V, 50/60 Hz
 - Power consumption: 930 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 597 mm (23.5") – head in horizontal position
 - Width: 514 mm (20.2")
 - Depth: 499 mm (19.7")
 - Weight: 32 kg (70.6 lbs)
 - Fixation option: Pan/Tilt-lock mechanism
- **Thermal**
 - Maximum ambient temperature: 40 °C (104 °F)
 - Maximum surface temperature: 120 °C (248 °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 (RNS)
 - Protocol: USITT DMX-512, RDM support
 - Control channels: 26, 28, 31, 34 or 36
 - 5 DMX protocol modes
 - 3-editable programs, each up to 99 steps
 - Stand-alone operation
 - Display: Blue/white LCD graphic
 - 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: 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
 - Static Gobo wheel: 9 replaceable "SLOT&LOCK" gobos + open
 - Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
 - Animation wheel: Replaceable, variable rotation angle, continuous rotation in both directions at different speeds
 - Iris: Motorized, stepless
 - Prism: 3-facet 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: 530 °
 - Tilt: 280 °
- **Rigging**
 - Mounting points: 4 pairs of ¼-turn locks
 - 2 x Omega bracket with ¼-turn quick locks
 - Safety chain/rope attachment point
- **Optional Accessories**
 - Remote Control IR
 - Animation Wheels



ColorWash 700E AT™



The ColorWash 700E AT is the first Wash fixture using the MSR GOLD 700 FastFit lamp in the Robe range. This powerful moving head offers a full CMY + CTO colour mixing system, a colour wheel with 7 replaceable "SLOT&LOCK" dichroic filters, a rotating beam shaper and a linear zoom range of 6°–45°.

- **Source**
 - Lamp: Compact high-pressure metal halide lamp
 - Base: PGJX50
 - Approved model: Philips MSR Gold 700 FastFit
 - Control: Automatic and remote on/off
 - Ballast: Electronic
- **Optical System**
 - Dichroic glass reflector for maximising the light efficiency
 - Front Fresnel lens of diameter of 200 mm
 - Beam angle: 6°–45°
- **Electrical Specification**
 - Power supply: Electronic auto-ranging
 - Input voltage range: 100–240 V, 50/60 Hz
 - Power consumption: 890 VA at 230 V/50 Hz
- **Mechanical Specification**
 - Height: 597 mm (23.5") – head in horizontal position
 - Width: 514 mm (20.2")
 - Depth: 499 mm (19.7")
 - Weight: 30.4 kg (67 lbs)
 - Fixation option: Pan/Tilt-lock mechanism

- **Thermal**
 - Maximum ambient temperature: 40 °C (104 °F)
 - Maximum surface temperature: 120 °C (248 °F)
- **Control and Programming**
 - Setting & Addressing: ROBE Navigation System (RNS)
 - Protocol: USITT DMX-512, RDM support
 - Control channels: 18, 20, 21, 22, 23, 24
 - 6 DMX protocol modes
 - 3-editable programs, each up to 99 steps
 - Stand-alone operation
 - Display: Blue/white LCD graphic
 - Pan/Tilt resolution: 16bit
 - Movement control: Tracking and vector
 - Colour wheel positioning: 8 or 16bit
 - Beam shaper: 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
 - Beam shaper: Indexable, continuous rotation in both directions at different speeds
 - Dimmer/Shutter: Full range dimming and variable strobe effect, electronic strobbing "ZAP"
 - Motorized zoom
 - Pan: 530 °
 - Tilt: 280 °
- **Rigging**
 - Mounting points: 4 pairs of ¼-turn locks
 - 2x Omega bracket with ¼-turn quick locks
 - Safety chain/rope attachment point
- **Optional Accessories**
 - Module of front wide-angle lens D200
 - Remote Control IR
 - Top Hats



ColorBeam 700E AT™



The ColorBeam 700E AT is a special beam effect offering a tight, punchy, powerful beam with an angle ranging from 1.5–6.5 degrees – for additional flexibility.

The 7 rotating and 9 static gobos – all using Robe's amazing "SLOT&LOCK" system – when combined with the prism, offer the possibility of creating stunning, abstract aerial effects. This further enhances the ColorBeam 700 as a tool for those with fertile imaginations!

As is standard with all Robe's other 700 Series fixtures – other features include an ultra-smooth colour mixing system plus CTO, and a colour wheel with 7 "SLOT&LOCK" options.

● Source

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX50
- Approved model: Philips MSR Gold 700™ FastFit
- 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: 100–240 V, 50/60 Hz
- Power consumption: 990 VA at 230 V/50 Hz

● Mechanical Specification

- Height: 598 mm (23.5") – head in horizontal position
- Width: 514 mm (20.2")
- Depth: 485 mm (19.1")
- Weight: 32.3 kg (71.2 lbs)
- Fixation option: Pan/Tilt-lock mechanism

● Thermal

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 120 °C (248 °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 (RNS)
- Protocol: USITT DMX-512, RDM support
- Control channels: 32/25/30/23/21
- 5 DMX protocol modes
- 3-editable programs, each up to 99 steps
- Stand-alone operation
- Display: Blue/white LCD graphic
- Pan/Tilt resolution: 8 or 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
- Iris: 8 or 16 bit
- Frost: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- 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
- Static Gobo wheel: 9 replaceable "SLOT&LOCK" gobos + open
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Iris: Motorized, stepless
- Prism: 3-facet 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 focus
- Pan: 530°
- 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

