

# ColorSpot 700E AT

## Source

- Lamp: Compact high-pressure metal halide lamp
- Base: PGJX 50
- 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 AC, 50/60Hz
- Power consumption: 930 VA

## Mechanical Specification

- Height: 597 mm (23.5") - head in horizontal position
- Width: 514 mm (20.2")
- Depth: 499 mm (19.7")
- Weight: 32 kg (75.5 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 mm
- Thickness: 1.1 mm (max. thickness = 4 mm)
- Recommended glass: High temperature borofloat or better glass

## Control and Programming

- Setting & Addressing: ROBE Navigation System (RNS)
- Protocol: USITT DMX-512, support RDM
- 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: 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
- 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



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Eurovision 2007 - Finland



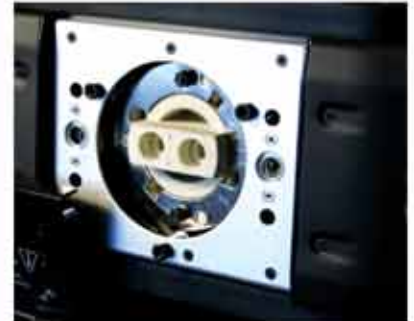
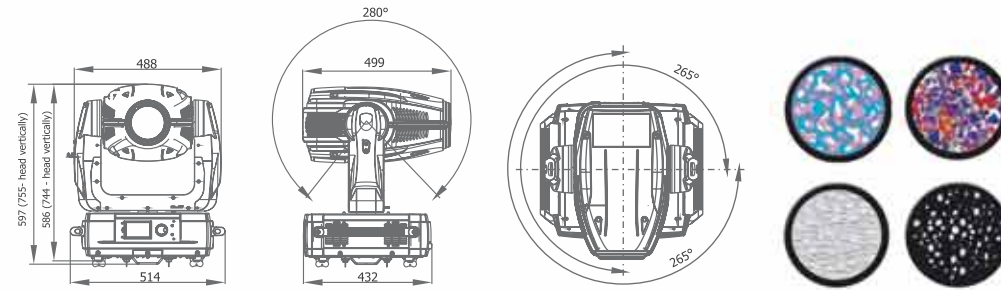
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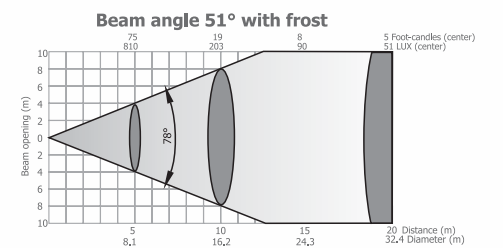
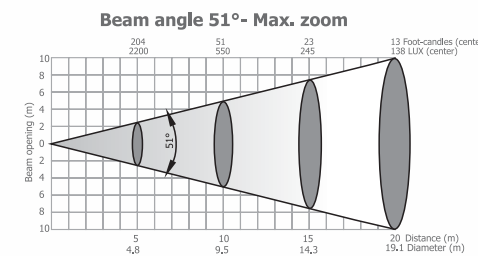
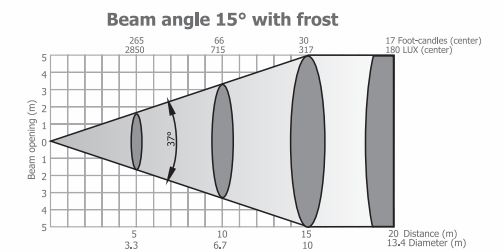
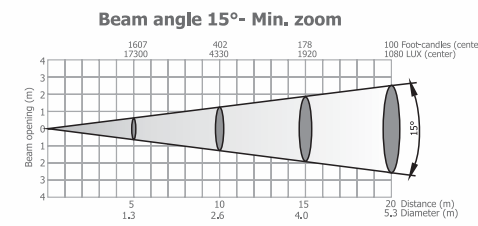
The ColorSpot 700E AT marks a new series of Robe 700W moving head fixtures. Featuring the MSR GOLD 700 FastFit lamp, it is ideal for all professional applications and installations.

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 and shutter for strobe effects.



## Photometric Diagrams

Lamp: Philips MSR Gold 700 FastFit



Product information