

# ColorSpot 1200 AT/1200E AT

## Source

- Lamp: 1200W short arc discharge
- Base: GY22
- Approved model: Philips MSR 1200 SA
- Control: Automatic and remote on/off
- Ballast: Magnetic or electronic

## Electrical Specification

- Wiring options: 208/230/250V, 50Hz; 208/230V, 50/60Hz
- Wiring options CS 1200E AT: 100, 120, 208, 230, 250V, 50/60Hz
- Power consumption: 1480W at 230V/50Hz

## Mechanical Specification

- Height: 638 mm (25.1")
- Width: 536 mm (21.1")
- Depth: 616 mm (24.3")
- Weight: ColorSpot 1200 AT: 51.5 kg (113.5 lbs)  
ColorSpot 1200E AT: 42 kg (92.6 lbs)

## Thermal

- Maximum ambient temperature (Ta): 40°C (104°F)
- Maximum surface temperature: 135°C (275°F)

## Rotating Gobos

- Outside diameter: 37.5 +0/-0.25mm
- Image diameter: 31.5mm
- Thickness: 1.1mm up to 6mm in rotating slots
- Material: High-temperature Borofloat glass

## Prism & Effects

- Outside diameter: 47 +0/-0,3mm
- Thickness: up to 5mm in rotating slots (up to 8mm in the center)

## Control and Programming

- Protocol: USITT DMX-512
- Control channels: 24 or 32, 3 protocol modes
- Setting & Addressing: ROBE Navigation System (RNS)
- Display: Blue/white LCD graphic
- Pan/Tilt resolution: 16-bit
- Gobo indexing: 8- or 16-bit
- Prism indexing: 8- or 16-bit
- Movement control: Tracking and vector
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR

## Electromechanical Effects

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- CTO: 0 - 100%
- Colour wheel: 6 replaceable "SLOT&LOCK" colours + open
- Gobo wheel 1: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos+open
- Gobo wheel 2: 6 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Iris: Motorized, stepless
- Effect wheel: 4 rotating, indexable, replaceable "SLOT&LOCK" prisms and effects + open
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobo effect
- Focus: 2m - infinity
- Zoom: 13° - 42°
- Pan: 530°
- Tilt: 280°

## Rigging

- Mounting points: 8 pairs of 1/4-turn locks
- Fastening system: ROBE's own 2x Omega clamps
- Fixation option: Pan/Tilt-lock mechanism



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DJ Tiesto - Bratislava



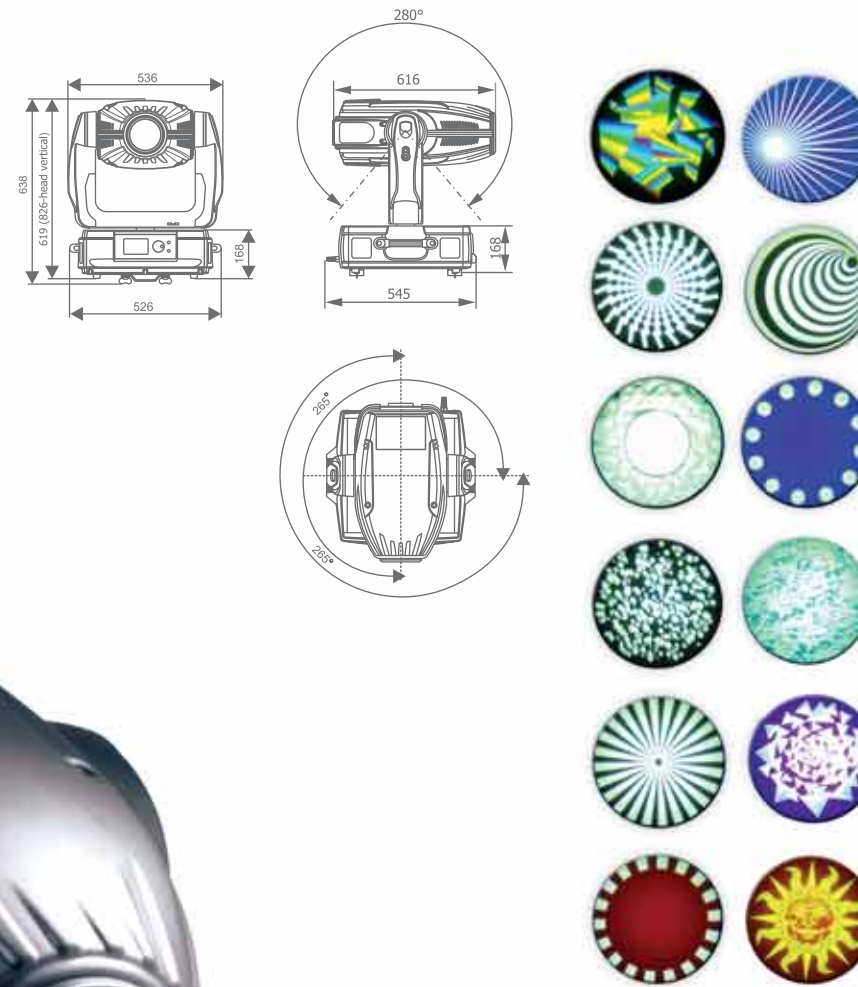
Eurovision 2007 - Finland



Robbie Williams - Dubai

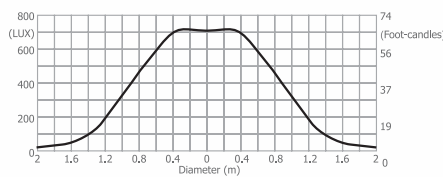
The ColorSpot 1200 AT uses a powerful Philips 1200 SA discharge lamp lightsource. This is further boosted by a high quality super-efficient optical system, making the ColorSpot 1200 AT one of the brightest moving fixtures currently on the market.

Major features include a versatile CMY colour mixing system, variable CTO plus an additional colour wheel, 12 rotating indexable, replaceable dichroic glass gobos on two wheels offering 48 gobo combinations, iris, 4 rotating prisms and effects, variable frost, 13° - 42° linear zoom, remote focus, dimmer and shutter.

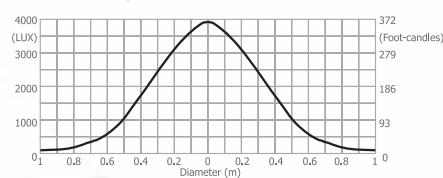


## Photometric Diagrams

Beam angle 42° with frost, distance=5m

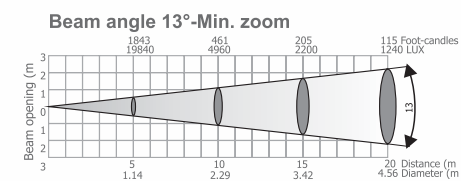


Beam angle 13° with frost, distance=5m

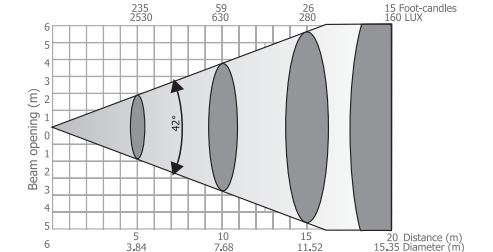


## Photometric Diagrams

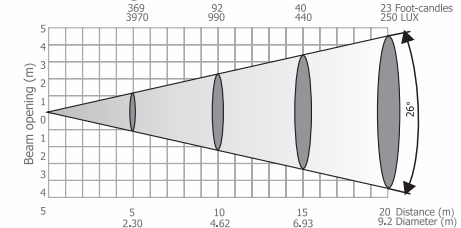
Lamp: MSR 1200 SA



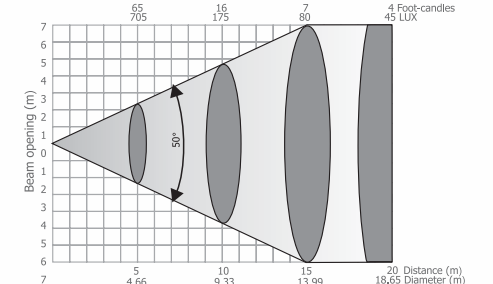
Beam angle 42°-Max. zoom



Beam angle 13° with frost



Beam angle 42° with frost



Product information