

Robe ColorSpot 1200E AT

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The ColorSpot 1200E AT is an electronic ballast version of ColorSpot 1200 AT, which adds even more features like flicker-free operation, enhanced light output, extended lamp life, power-saving mode for economy and reduced weight.

Source

Lamp: 1200W short arc discharge
Base: GY-22
Approved model: Philips MSR 1200 SA
Control: Automatic and remote on/off
Ballast: Electronic



Electrical Specification

Wiring options: 100/120/208/230/250 V, 50-60 Hz
Power consumption: 1600VA at 230V/50Hz
Automatic voltage and frequency selection for lamp

Mechanical Specification

Height: 619 mm (24.37")- head in horizontal position
Width: 536 mm (21.10")
Depth: 616 mm (24.25")
Weight: 42 kg (92.6 lbs)

Thermal

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

Gobos

Outside diameter: 37.5+0/-0.25 mm
Image diameter: 31.5 mm
Thickness: 1.1 mm up to 5 mm in rotating slots
Material: High-temperature borofloat glass

Prisms and Effects

Outside diameter: 47 +0/-0.3 mm
Thickness: Up to 5 mm in rotating slots (up to 8 mm in the center)



Control and Programming

Protocol: USITT DMX-512
Control channels: 24 or 32
3 DMX control 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
Dimmer: 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
Lamp power save mode while black-out
Stand-alone operation
3-editable programs, each up to 99 steps

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 strobe effect, ZAP effect (electronic strobing)
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