

# ColorSpot 575 AT/575E AT

## Source

- Lamp: Compact high-pressure metal halide lamp
- Base: GX9.5
- Approved model: Philips MSR 575/2
- Control: Automatic and remote on/off
- Ballast: Magnetic or electronic

## Optical System

- Dichroic glass reflector for maximising the light efficiency
- 15, 18 and 22 degree beam angles remotely adjustable

## Electrical Specification

- Wiring options - EU-model: 208/230/240V AC, 50/60Hz,
- Wiring options - US model: 100/120/208/230 AC, 50/60Hz
- Wiring options - ColorSpot 575E AT: 100, 120, 208, 230, 240V, 50/60Hz
- Power consumption: 760 VA at 230V/50Hz

## Mechanical Specification

- Height: 574 mm (22.6") - head in horizontal position
- Width: 470 mm (18.5")
- Depth: 446 mm (17.6")
- Weight - ColorSpot 575 AT: EU model 32 kg (70.5 lbs), US model 36 kg (79.4 lbs)
- Weight - ColorSpot 575E AT: 26 kg (57.3 lbs)

## Thermal

- Maximum ambient temperature: 40°C (104°F)
- Maximum surface temperature: 80°C (176°F)

## Gobos

- Outside diameter - dichroic and glass gobos: 26.8mm
- Image diameter - dichroic gobos: 22 mm
- Thickness - dichroic gobos: 1.1mm (high temperature borofloat or better glass); glass gobos: max. thickness = 4mm (high temperature borofloat or better glass)

## Control and Programming

- Protocol: USITT DMX-512
- Control channels: 19, 21, 27, 29
- DMX channels: 4 protocol modes
- Built-in demo sequences
- Display: 4-digit LED display (ColorSpot 575 AT), blue/white LCD graphic (ColorSpot 575E AT)
- Pan/Tilt resolution: 16-bit
- Color wheel 1 positioning: 8- or 16-bit
- Color wheel 2 positioning: 8- or 16-bit
- Static gobo positioning: 8- or 16-bit
- Rotating gobo indexing: 8- or 16-bit
- Frost: 8- or 16-bit
- Iris: 8- or 16-bit
- Focus: 8- or 16-bit
- Dimmer: 8- or 16-bit
- Master/slave operating (ColorSpot 575 AT only)
- Controllable speed of fans

- Movement control: Tracking and vector
- Built-in analyzer for easy fault finding
- Ethernet port: Art-Net protocol, ready for ACN (ColorSpot 575E AT only)
- Data in/out: Locking 3-pin XLR & 5-pin XLR

## Electromechanical Effects

- Motorized multi-step zoom with three different apertures (15°, 18°, 22°)
- Colour wheel 1: 9 dichroic filters + open
- Colour wheel 2: 8 replaceable "SLOT&LOCK" dichroic filters + open (including 3200K, 5600K correction filters and UV filter)
- Static gobo wheel: 9 replaceable "SLOT&LOCK" metal gobos+ open
- Rotating gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" dichroic glass gobos + open
- Prism: replaceable 3-facet prism rotating in both directions at different speeds
- Frost effect: Separate, variable
- Dimmer/Shutter: Full range dimming and variable strobe effect
- Iris: Motorized iris for different beam diameters
- Focus: motorized focus
- Pan: 530°
- Tilt: 280°

## Rigging

- Mounting points: 4 pairs of ¼-turn lock
- 2x Omega bracket with ¼-turn quick locks



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HQ & Factory: ROBE Lighting s.r.o. ■ Házovice 2090 ■ 756 61 Rožnov p. Radhoštěm ■ Czech Republic ■ Tel.: +420-571-751 500 ■ Fax: +420-571-626 337 ■ E-mail: robe@robe.cz  
UK: ROBE UK Ltd. ■ Northampton, UK ■ Tel.: 01604 741000 ■ E-mail: info@robeuk.com ■ America: ROBE Lighting Inc. ■ Florida, FL, USA ■ Tel.: (954) 615-9100 ■ E-mail: info@robelighting.com

South-East Asia: ROBE S.E.A. ■ Singapore ■ Tel.: +65-8118 6665 ■ E-mail: info@robe-sea.com

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Robbie Williams - Dubai



Queens Bridge Hotel - Melbourne



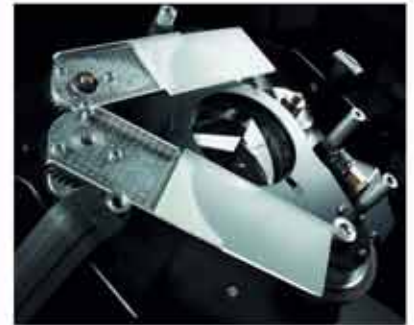
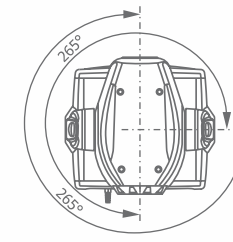
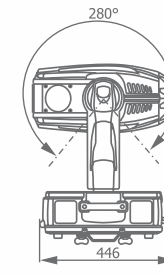
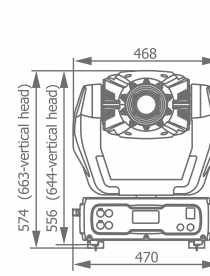
Stars On Ice - Slovakia

The ColorSpot 575 AT mirrors the excellent features and design styling of the Robe's latest ColorSpot 1200 AT. The ColorSpot 575 AT includes all imaginable effects - two separate gobo wheels with the "SLOT & LOCK" system, two separate colour wheels with the "SLOT & LOCK" system, motorized multi-step zoom, with three different apertures of 15, 18 and 22 degrees; motorized iris, prism, separate and variable frost effects, remote focus and many, many more.

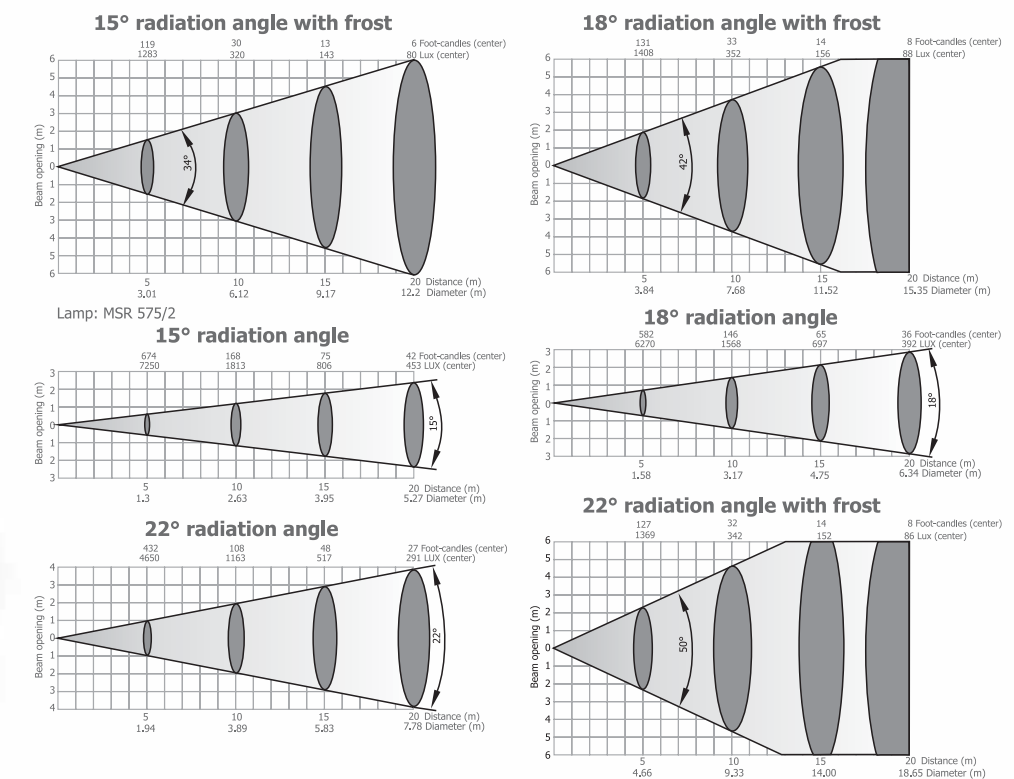
A new optical system and a new dichroic glass reflector increase the light output of the ColorSpot 575 AT. Completely new software enables very smooth rotations of the gobos and prism, and the fixture also has 8 or 16-bit resolution for gobo indexing, prism indexing and dimmer. This product is an ideal solution for all types of installations, from large clubs and discotheques to multi-purpose venues to concerts and touring applications and large scale, show-style architectural illuminations.

## ColorSpot 575E AT

An electronic ballast version of Robe's ColorSpot 575 AT sees an expansion of features including flicker-free operation, enhanced light output, extended lamp life, power-saving mode for economy and reduced weight. The same large LCD display - first featured on the ColorSpot 1200 AT - enhances the fixture's user-friendliness. An Ethernet connection is also available with the 575E version.



## Photometric Diagrams



Product information