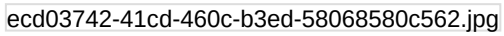
SPIRE 280 BEAM SET

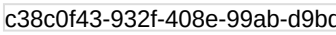
KIT COMPOSED BY TWO SPIRE 280 BEAM MOVING HEADS WITH FLIGHT CASE

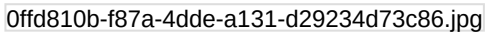
SPIRE 280 BEAM SET

SPIRE series is a new line of professional beam moving heads designed to meet the needs of show lighting in rental and fixed installations contexts. The lineup consists of three models with standard 5R (200W), 7R (230W) and 10R (280W) metal-halide lamps, and a color temperature of 8000K. Ideal for medium-large environments, the emission angle of the light beam is 4 ° with a maximum luminance that in the model with 10R lamp reaches 38,000 Lux @ 20m (288,000 Lux @ 1m), with diameters ranging from 1.5m to 0.35m. PAN and TILT movements are driven by three-step motors and give greater accuracy and silence. SPIRE Series is equipped with 0° - 4° linear electronic focus which determines a powerful and well-defined beam, even at long distances. All models mount wheels-colors with 14 dichroic + white with rainbow effect, and a fixed gobo wheel with 17 gobos + white (6 colors + 11 neutral). There are an 8-facet prism and a 16-facet prism (which can be overlap) with self-rotation and shaking effect. The shutter creates strobe effects at a maximum of 13 Hz; the dimmer is linear from 0% to 100%. The DMX512 control is at 16 and 20 channels. The kit includes a practical and robust flight case in which the heads are put upside down. In the central part, there is a cable and accessories compartment. The kit also includes self-locking brackets for fixing the fixture to trusses (hooks not included), power cables and DMX. Two of the 4 wheels are braked.

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PRODUCT DETAILS

KEY FEATURES

Standard 10R (280W) metal-halide lamps
Pan 540° / Tilt 265° indexing, high precision Pan/Tilt movement, with 16bit automatic error correction, extra speed movements
3-phase motor for both PAN and TILT with faster moving speed and low-noise
Luminous Flux: up to 288.000 Lux@1m
14+open color wheel with color correction devices. 2 CTO filters (3200K and 2500K) + 1 CTB filter, two-way rainbow effect, half color effects
Gobo wheel: 11+open stamped fixed variable rotating metal gobos combine with 6 HQ dichroic / indexing / overlapping glass gobos; 3 beam diameter reducer filters on the fixed gobo wheel
Gobo-Shaking function
Gobo motorized focusing
Frost filter for soft-edge projections
Two indexing / superimposed /rotating prisms (16-facet circular prism and 8-facet circular prism), which is able to superimposed on all the gobos, both in and out of focus
Full Color, touch-sensible, 180° Reversible LCD Menu Display with Battery backup (setup operable by end user without connecting the unit to power)
Practical and robust Flight Case for 2 Units with wheels, featuring a cable/accessories compartment

SPECIFICATIONS

Lamp	Standard metal-halide 10R (280W)
Voltage	AC110V-240V
Frequency	50/60Hz
Power Consumption	400W
Fuse	F5A/250V (20x5mm)
Color Temperature	8000K
Scan	Pan 540°, Tilt 265°, 16bit precision, photoelectric reset and correction
Shutter	1-13t/s mechanical control and speed adjustable
Control	DMX512
Channel Modes	16CH /20CH switchable
Control Mode	DMX/Sound Active/Auto
Gobo wheel	11 metal gobo + 6 glass gobo + open, electronic focus
Color wheel	14+open, rainbow effect, electronic focus correction
Effect wheel	8 facet prism + 16 facet linear prism, prism overlay and prism shaking
Frost	0-100% linear frost
Display Battery	display board can be turned on without power to setup the unit
Fixture Size (LxHxD)	270 x 500 x 326 mm
Flight Case Size (LxHxD)	860 x 805 x 450 mm
Fixture Weight (1 Unit)	17.1 kg
Flight Case + 2 Fixtures Weight	62.85 kg