

Studio Spot® CMY and CMY Zoom

Studio Spot CMY Architectural Specifications

The lighting fixture shall possess a full color mixing facility comprising precision made graduated color wheels. All color settings shall be programmable and shall be recalled accurately from controller's memory via DMX protocol.

The fixture shall also possess a switched mode power supply that features automatic voltage selection for electronics, lamp, and motors between 100 and 250 VAC 50/60 Hz; further, the fixture shall be convection cooled, containing no fans. The lighting fixture shall possess ten rotating gobos/effects via two six position wheels; remote focus; a shutter that shall provide instant blackout, strobe, and random strobe effects; optical encoders to self-correct pan and tilt positions; A fifteen segment four character alpha-numeric LED display shall show if the fixture is accessing data, status or internal diagnostic features. LED indicators shall be provided to analyze power and data conditions. Additionally, the lighting fixture shall possess a moving yoke that shall achieve up to 370° pan and 255° tilt with a control accuracy of 11.6" (sec.) (0.0032"). All functions shall be controllable via 16-bit DMX-512 protocol and these functions shall include color mixing, random gobo; gobo/effect spins; variable frost; smooth mechanical dimming and fade-to-black. The lighting fixture shall be available ex-stock with an MSR 575/2 lamp. Optionally an MSD 575 may be fitted in order to achieve longer lamp life. The lighting fixture shall possess a remote-controllable iris and shall be factory issued as standard with an 18° lens. An optional 13° shall also be made available. The lighting fixture shall also possess the following features: quick and easy lamp replacement; an integral AC power switch/breaker; an integral floor mountable design via the carrying handles. The fixture shall also be mountable with standard installation hardware. The fixture shall feature flicker-free light output; automatic power-saving mode; microstepper motors throughout; remote fixture shutdown and full power factor correction. Weight of the fixture shall be 27.6 Kg. (59 Lb.) Dimensions (head in vertical position) of the fixture shall be: 695 m.m. (21.41") H x 484.6 m.m. (19") W x 304.8 m.m. (12") W. The fixture shall be ETL listed to the US standard for safety UL 1572 and cETL listed to the Canadian standard for safety CAN/CSA 22.2 No 9. The fixture shall conform to the European Economic Community (EEC) standards for safety EN 60598-1, and EN 60598-2-17. The fixture shall comply with US code 47 CFR, part 15, interference limits for Class A digital devices and with EEC standards for electromagnetic compatibility: EN 55022, Class A limits for emissions, and with IEC 801-2, IEC 801-3, and IEC 801-4 for susceptibility. The lighting fixture shall be named Studio Spot® CMY and it shall be manufactured and offered for sale by High End Systems, Inc., 2217 West Braker lane, Austin, TX 78758, USA.



STUDIO SPOT®