

# Studio Beam®

## Studio Beam® Architectural Specifications

The fixture shall feature: 540° pan and 287° tilt; fast, smooth and quiet yoke movement using LWR multi-phase technology plus optical encoders which shall automatically correct the beam head's position if the head is manually moved from its programmed position. Further the fixture shall possess sleek, elegant design; a 700 Watt high efficiency short arc lamp developed by Phillips in conjunction with High End Systems; and special profile output from a pebble convex lens. Other built-in features shall include: CMY color mixing; six additional discrete dichroic colors with seamless color change including black-light; completely rotatable beam shaping as first introduced by HES in Studio Color™; additional remote controllable motorized zoom, and smooth dimming with separate shutters for rapid strobing. The fixture shall also include enhanced features on many parameters including ramp/snap, random, and spin functions for quick programming; a macro channel including functions common to effect generators found in top range consoles; a full menuing system and an innovative internal preset system first introduced in Technobeam™ for full stand-alone operation with 16 presets. Further, any combination of Technobeams, Studio Spots, Studio Color 250's and Studio Spot 250's can be linked for time code synchronized Master/Slave operation without a controller. A full DMX analyzer shall be built in to every unit making for easy fault finding. The fixture shall be fitted with both 3-pin and 5-pin XLR connectors as standard. 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 Beam™ and it shall be manufactured and offered for sale by High End Systems, Inc., 2217 West Braker lane, Austin, TX 78758, USA.



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beam®**