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LED SERIES

STROKER



Coming to be the most powerful LED color changer of its category, STROKER exceeds the performance of other power LED projectors exemplifying the very latest solution in RGB LED application. STROKER, fitted with thirty-six 3W full-color chips and designed for refined professional use, is a super flux and high luminance color changer for exterior and interior use that incorporates state of the art electronic color mixing and high reliability, meaning powerful, uniform and effective color rendering and minimal maintenance.

Superb output with real uniform color coverage is provided by the newly conceived elliptical optics that can now capture a greater fraction of light with a higher transmission efficiency. Radical technological progress is coupled with the most severe attention to the practical and ease of use requirement of the show-business professionals: lightweight and compact size for extreme manageability, IP65 certified weather protection featuring true year-round use, comfortable set up via the built-in fixing yoke and the optional display plate, onboard dip-switch set for quick DMX addressing and IP65 XLR connectors for trouble-free touring use.

The noiseless operation enhanced by the use of magnetic levitation motor fans makes the unit suitable for applications such as theatre, museums, TV studios and movie sets, as well as for live shows, public areas and architectural installations of manifold kinds.

STROKER environmental impact is really small with no ultraviolet radiation and infrared emanation, an exceptionally low power consumption and a drastically reduced maintenance requirement, where the life of the light source is remarkably extended compared with any other conventional lighting equipment and no lamp replacement is

requested. The full digital control system, obtainable from any four-channel remote DMX512 control desk, includes also stand alone functions implemented by pre-set color sequences and master/slave mode for multiple units synchronization. An alternative version of STROKER finished with textured polyester gray finish is available on request.

TECHNICAL SPECIFICATIONS

SOURCE

36 high brightness, RGB full-color 3W LED (Light-Emitting Diode) units
Continuously variable light intensity
1-100% electronic dimming facility
No UV / no infrared
Virtually instant light production (100 ns)
Strobe facility (10 fps)

SOURCE LIFE

The LED chips used have an exceptionally long life: predicted 100.000 hours under normal operating conditions as mentioned by the LED manufacturer

OPTICS

12Å° optics

COLOR VARIETY

RGB additive color mixing for countless attractive saturated colors
Theoretical variety of 16.700.000 color hues

CONTROL OPERATION

4 channels of DMX 512 standard protocol
Input and output IP65 3-pin DMX signal connectors
Pre-set selectable color sequences and blends for stand alone use
Master/Slave function for multi-unit synchronization
IP65 protection sleeve for the rear panel dip-switch control set
IP65 optional dedicated DMX controller (ordering code AL 1322)
Power CDI commander - DMX interface for PC (ordering code AD 4118)
LED D.O.P. controller (ordering code AL 1419)

ELECTRICAL SPECIFICATIONS

Power supply:
standard 200Å·250V / 50-60Hz / 150W / 1,2 Amp.
optional 90Å·120V / 50-60Hz / 150W / 2,4 Amp.
Product in compliance with CEI EN 60598-1 and CEI EN 60598-2-17
Meets CE safety standards

HOUSING

IP65 extruded aluminum body with all-round heat sink i-□ ns
Scratch resistant textured polyester black Finish, protected against UV deterioration and general corrosion.
Front tempered glass shock resistant
Internal cooling system equipped with magnetic levitation motorized fans for virtually noiseless operation.
Certified IP65 protection rating for the most severe weather conditions
Adjustable mounting yoke (3 holes Å◆ 12 mm)

OPERATING LIMITS

-20Å°C to 40Å°C (-4Å°F to 113Å°F) temperature
0-95% relative humidity (non condensing)

WEIGHT

14 Kg

ADDITIONAL ACCESSORIES

4-LEAF BARNDOOR SET - ordering code AL 1606

OPTIONAL FIXING PLATE - ordering code AL 1608

DMX CHANNELS

Channel 1 - Red

Channel 2 - Green

Channel 3 - Blue

Channel 4 - Dimmer / Strobe

**DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY
CHANGE WITHOUT PRIOR NOTICE.**