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ARCHITECTURAL COLOR CHANGERS

COLOSSEO CYM 1000 OS™



Colosseo OS CYM 1000 shares the same benefits as the standard model, but with a different optical system producing a narrower beam to cover long distances such as very tall structures without problem. A manually adjustable zoom facility gives a fully variable beam angle from 17° to 32° with the obvious benefits this provides. One expansion filter is available for additional beam adjustment. As with the standard unit, color sequences can be selected from a pre-programmed internal controller, with multiple unit synchronization possible, or controlled from the IP65 CYM dedicated controller, or from any DMX512 control system.

See Application Photos in Nancy, France

A version of the Colosseo - COLOSSEO OS CYM 1000 HFT - is available fitted with a wireless DMX receiver, for trouble free control of large or otherwise awkward installations where the running of DMX signal cable from the control system to the projector could be problematic. This system requires the use of our wireless DMX transmitter.

Lamp

1000W, 90000 lm, 5900°K
Metal halide lamp HQI-TS/D/S 1000
Average rated life 6000 hours
Special base.

Standards

Pressure diecast aluminum body, with an adjustable mounting yoke. Scratch resistant textured polyester grey finish, which protects against UV deterioration and general corrosion.
Front tempered glass shock resistant.
Certified IP65 weather protection

Electrical class: I .

Shock resistance: 0.8J.

Maximum ambient temperature: 35°C.

Maximum operational temperature: 90°C.

Product in compliance with CEI EN 60598-1 and CEI EN 60598-2-5.

Optical Group

Patented optical system with grouped planar mirrors, producing a beam of approximately 58°x62° with

soft edge and even lighting coverage.

Color Changing System

CYM color changer system operated by high precision step motors, whereby the mixing of cyan, yellow and magenta dichroic filters can create virtually any desired color.

Control

Internal controller with a choice of eight pre-programmed colour change sequences, any of which can be easily selected from a rear mounted dip switch control panel. Master/slave option for multi unit synchronisation. The dedicated IP65 CYM controller gives full remote programmed control, or any DMX 512 controller can be linked - three channels of DMX per projector.

Cooling

An internal axial fan 120x120 mm keeps the level of heat within the unit constant and helps dissipation through the metal body, which assists lamp life and protects internal components and reflectors from heat damage.

Power Supply

230V, 50Hz, 1,7 Amp. Thermal protection.

IP65 certified termination box for the entry of both the 220-240V power supply cables (ballast unit) and the DMX signal cables.

