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ARCHITECTURAL COLOR CHANGERS

TRIDENT 150™



The IP65 Range has been enhanced with the first CYM colour mixing 150 watt lamped product from us, the new ultra compact TRIDENT CYM 150.

Trident supports a metal halide CDM-SA/T 150W (average 9000 hours) lamp, giving high efficiency but low energy use. The Trident is in fact with a high IP66 rating making the unit suitable for virtually any exterior or interior application, and can be mounted in any orientation. The colour mixing system with cyan, yellow and magenta dichroic filters creates virtually unlimited colour and hues, together with smooth blends between colour changes.

The standard optical system gives a relatively narrow soft edge beam of around 33° with resultant good distance coverage from such a small unit. However, alternative beam angles are also achievable via two options: a horizontal/vertical expansion filter and a wide-angle filter.

Colour sequences and blends can be selected from a pre-programmed internal controller, with multiple unit synchronisation possible, controlled from a dedicated controller, or from via a DMX512 control system.

Trident is additionally available fitted with a wireless DMX receiver, for installations where the running of DMX signal cable from the control system to the projector is not feasible.

TECHNICAL SPECIFICATIONS

Lamp

Metal halide lamp CDM-SA/T 150W
12900 lm, 4200°K
Average rated life 9000 hours
G 12 base
Ordering code BP-CDMSAT150W942

Standards

Pressure diecast aluminium 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 IP66 for weather protection
Electrical class: I
Shock resistance: 0.8J
Maximum ambient temperature: 35°.
Maximum operational temperature: 90°.
Product in compliance with CEI EN 60598-1 and CEI EN 60598-2-17.

Optical Group

The optical system utilises an aluminium ellipsoidal reflector and produces a soft edge beam of approximately 33°.
Additional filters are available for alternative beam adjustments.

Colour Change System

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

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 DMX512 controller can be linked - three channels of DMX per projector.

Cooling

An internal axial fan 80x80 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, 50 Hz, 0.8 Amp
Thermal protection.
IP67 certified termination box for the entry of the DMX signal cables.