



15-06 Morlot Avenue, Fair Lawn, NJ 07410 USA Tel: (201) 796-2690 Fax: (201) 796-8818

info@articulight.com

articulight@aol.com

www.articulight.com

ARCHITECTURAL COLOR CHANGERS

NIAGARA 150™

IP67 Architectural Color Changer



The innovative IP65 Dimension range is complemented by the first recessed fitting in the range, the new, compact colour changer NIAGARA 150.

NIAGARA 150 is primarily designed for flush mounting in ground, and utilises a pressure diecast aluminium body, sealed with tempered glass at ground level, with a nylon installation sleeve, and has an IP67 weather protection rating. A 2000kg load bearing ability allows use in vehicled areas.

NIAGARA 150 produces, from a CDM-SA/T 150W 9000 hours lamp, a soft edge 51° circular beam, which can project straight up or be pre-adjusted through a +/- 13° swivelling facility. The beam angle can be changed with an optional fresnel lens and this can be combined with an expansion filter for further beam variation. NIAGARA 150 features eight colours and white, with inbuilt speed or time pre-settable auto change. Multiple units can be synchronised in this mode, or controlled via DMX.

Lamp

150 W, 12,900 lm, 4,200°

Metal halide lamp CDM-SA/T 150

Average rated life 9,000 hours

G 12 base

Standards

Pressure diecast aluminium body. Nylon installation sleeve for ground recessed mounting, fitted with two holes for power supply tube entry. The area below the sleeve must be open for drainage and with a gravel soakaway provided. Body internally fitted with wiring.

Black polyester powder paint.

Front tempered glass shock resistant.

Certified IP67 weather protection

Electrical class: I
Load bearing: 2,000 Kg.

Optical Group

The optical system utilises an aluminium ellipsoidal reflector and produces a soft edge beam of approximately 51°

Lamp swivelling angle +/- 13°

Additional filters are available for alternative beam adjustments.

COLOUR CHANGER SYSTEM- 1 rotating bi-directional wheel for 8 different colours + white.

BLACK-OUT- 100% black-out (on colour wheel) available via DMX control.

Colour Changing System

All functions can be accessed through 1 standard DMX 512 channel. Master/slave option for multiple units synchronisation. Stand alone function and scenes speed adjustment.

Power Supply

230 V, 50 Hz, 0.8 Amp

Thermal protection.

IP67 certified termination box for the entry of the DMX signal cables.

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.

[Click here to view photometric data](#) for the **Niagara 150**.