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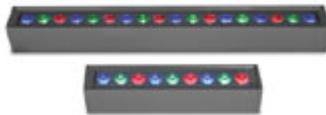
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LED SERIES

PARADE D18 PARADE D9 LINEAR RGB LED COLOR CHANGER



On its route along LED RGB color changer innovation, we have implemented the choice with the modular PARADE D9 and PARADE D18 fixtures, using respectively 9 and 18 high brightness, high efficiency LED light sources to offer highly flexible light output. The state of the art LED technology promises high reliability meaning minimal maintenance, and other advantages include durability, low power consumption, cool running and a quick light source response time. These newly designed units feature an IP67 weather protection factor for virtually any normal exterior application. Completely silent operation of course makes these units also ideal light sources for a wide variety of indoor applications. The PARADE series can be installed in any position and in any orientation, with the compact size and low weight assisting easy installation. The RGB (Red, Green, Blue) electronic color mixing system, controllable from any DMX512 controller, gives an extraordinarily rich variety of color hues. A choice of three different beam angle optics is available along with an asymmetrical option, too.

Technical Specifications

SOURCE

High brightness 1.2W power LED (Light-Emitting Diode) units
Continuously variable light intensity
1-100% electronic dimming facility
No UV
Virtually instant light production (100 ns)
Strobe facility (12 fps)

SOURCE LIFE

The LED light sources used have an exceptionally long life: predicted 100,000 hours under normal operating conditions as mentioned by the LED manufacturer.

OPTICS

10° beam angle (ordering code AL 1408 D9 – AL 1400 D18)
30° beam angle (ordering code AL 1410 D9 – AL 1402 D18)
45° beam angle (ordering code AL 1412 D9 – AL 1404 D18)

Optional Frost Filter for 10° optics version only
(ordering code AL 1414 D9 – AL 1406 D18)

COLOR VARIETY

RGB additive color mixing for countless attractive saturated colors
Theoretical variety of over 16,700,000 color hues Preset selectable color sequences and blends

CONTROL OPERATION

4 channels of DMX 512 standard protocol
Input and output DMX signal connectors
IP65 optional dedicated DMX controller (ordering code AL 1322)
20 CH DMX controller (ordering code GR0171)
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 80-260V / 50-60Hz
Power consumption:
with 6 pcs. PARADE D9 18W, 230V / 0.08 Amp, 110V / 0.16 Amp (full RGB);
with 6 pcs. PARADE D18 30W, 230V / 0.13 Amp, 110V / 0.27 Amp (full RGB);
Self-resetting fuse protection
Meets CE safety standards

HOUSING

Die cast aluminum body
Separate transformer unit box (powering up to 6 units – ordering code AL 1416)
Scratch resistant grey finish
Easy mounting system
IP67 protection rating <http://www.articulight.com/acc/IPRatings.html>

EXTERNAL OPERATING LIMITS

-20°C to 45°C (-4°F to 113°F) temperature
0-95% relative humidity (non condensing)

WEIGHT

D9 unit: 1.7 Kg
D18 unit: 2.8 Kg
IP65 separate transformer box: 3.5 Kg

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.