

ARTICULIGHT

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LED SERIES

DART RGB LED COLOR CHANGER



Primarily intended for club, stage and TV studio performance, as well as for an endless array of architectural lighting applications, DART is an IP65 high quality color changer fitted with the latest cutting edge technology and software developments. DART uses a mixture of high brightness red, green and blue 1.2 W LEDs that can produce, via RGB electronic mixing, an endless palette of attractive pastel or deep colors, which can crossfade slowly or be snap changed as desired. The separate power supply unit features an user-friendly onboard control system which gives instant access over all functions including stand alone color sequence control, with master/slave selectable for multiple unit synchronization. DART can also be controlled from the dedicated IP65 external controller or any other DMX512 controller. Programming software for desktop and laptop computers is also available, as well as wall mount programmer with LCD display readout. The extremely light weight and compact size guarantee easy handling and multiple orientation fixing. A choice of beam angle options is available to suit most requirements.





TECHNICAL SPECIFICATIONS

SOURCE

18 High brightness 1.2 W 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 (up to 25 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 1350)
30° beam angle (ordering code AL 1351)
45° beam angle (ordering code AL 1352)

COLOR VARIETY

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

CONTROL OPERATION

4 channels of DMX 512 standard protocol
Signal and power supply cable included (6mt)

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: 100-245V, 50-60Hz, 0.29 Amp each unit.
Power Consumption: 29W max at full intensity (full RGB)
Self-resetting fuse protection (power supply box)
Electronic control over internal temperature
Meets CE safety standards

HOUSING

Extrude aluminum body
Scratch resistant black paint (silver-gray finish available on request)
Easy Mounting system wall, ceiling and floor with full orientation capability
Fixing yoke included
Outdoor and indoor use
IP65 protection rating
Separate IP65 transformer unit (powering up to 9 independent units - ordering code AL 1416)
<http://www.articulight.com/acc/IPRatings.html>

OPERATING LIMITS

-20°C to 40°C (-4°F to 104°F) temperature
0-95% relative humidity (non condensing)

WEIGHT

9.4 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.