

ARTICULIGHT

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LED SERIES

DAISY-ON INDOOR RGB LED COLOR CHANGER



DAISY-ON is a superior, surface mount, attractively styled colour changer. We bring to interior and exterior architectural lighting the latest cutting edge technology, using high brightness, high efficiency LEDs, which have a multitude of benefits, including silent operation, durability, low power consumption with compact size, and the long light source life with no moving parts gives virtually maintenance free operation. The Light Emitting Diodes (LEDs) used are a mixture of red, green and blue to produce, via RGB electronic mixing, an endless palette of attractive pastel or deep colours, which can crossfade slowly or be selected or changed individually. Control from DMX512 or user friendly remote infrared controller. Lighting specifiers will welcome this new lighting tool suitable for a wide range of applications, enhanced by the choice of beam angles.

Technical Specifications

SOURCE

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 (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 1430 D-I – AL 1450 D-O – AL 1440 D-OUT)
30° beam angle (ordering code AL 1432 D-I – AL 1452 D-O – AL 1442 D-OUT)
45° beam angle (ordering code AL 1434 D-I – AL 1454 D-O – AL 1444 D-OUT)
Optional Frost filter for 10° optics version

only (ordering code AL1436 D-I – AL1456 D-O – AL1446 D-OUT)

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
Optional remote control (ordering code AL 1320)
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 210-250V / 50-60Hz / 0.15 Amp. (with 8 projectors) class 2
optional: 90-120V / 50-60 Hz / 0.33 Amp.(with 8 projectors) class 2
200V / 50-60Hz / 0.17 Amp. (with 8 projectors) class 2 (available on request)
Power Consumption: 4.5W per unit max at full intensity (full RGB)
Self-resetting fuse protection
Meets CE safety standards

HOUSING

D A I S Y - I N A L 1 4 3 0

Die cast metal (D-I), die-cast aluminum (D-O) and techno-polymer + steel (DOUT) body
Separate transformer unit box (powering up to 8 units – ordering code for 220V AL 1418 – for 110V AL 1420)

Scratch resistant white finish (D-I), scratch resistant black finish (D-O), scratch resistant silver finish (D-OUT).

Full 360° orientation capability.

Installation cut out size 100 mm indoor
use IP20 (D-I); Installation cut out size
101 mm outdoor use IP67 (D-OUT) 2000 kg load
bearing; IP68 Class 2 (D-O).

<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

Daisy-On Unit = 0.5 Kg
IP65 separate transformer box = 2.5 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.