

# ARTICULIGHT

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## LED SERIES

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### DAISY-OUT RECESSED OUTDOOR RGB LED COLOR CHANGER



DAISY-OUT is a small size color changer designed for exterior recessed and in-ground applications, suitable for ground mounting purposes. The high efficiency and high brightness Light Emitting Diodes utilized offer silent operation, durability and low power consumption. The 3-piece light source used produces, via RGB electronic mixing, an endless palette of attractive pastel or deep colors, which can crossfade slowly or be selected and changed individually. External control is available via DMX512 signal. Various models are available with three assorted beam angle options.

## 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 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 (for 8 projectors): 2.5 Kg

DIMENSIONS

Diameter: 122 mm; Height: 87mm; Width: 113 mm

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.