

# ARTICULIGHT

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## LED SERIES

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### DANUBE LED Color Changer



DANUBE is the latest LED RGB color changer innovation, using no less than 88 high brightness LED light sources to achieve a much higher light output than from the standard units. This extra power is however contained in a remarkably compact unit. Two versions are available, one with an IP 66 weather protection factor for virtually any normal exterior application, and the other with an IP20 rating, for interior use. The interior version has completely silent operation and so is suitable for theater or television use, but of course would be an ideal light source in many applications such as retail environments. DANUBE can be installed in any position and in any orientation, with the compact size and low weight assisting easy installation. The state of the art LED technology promises high reliability meaning minimal maintenance, and other advantages include low power consumption, cool running and a quick light source response time. Making electrical installation equally straightforward, DANUBE has integral power supply unit and on board control, with selectable color sequences, for stand alone operation, with multiple units able to be linked and synchronized in this mode. Can also be controlled from any DMX512 controller. The RGB (Red, Green, Blue) electronic color mixing system gives an extraordinarily rich variety of color hues. A choice of three different beam angle optics is available, and these are interchangeable.



## TECHNICAL SPECIFICATIONS

### SOURCE

88 high brightness 1.2 W power LED (Light-Emitting Diode) units  
Continuously variable light intensity  
1-100% electronic dimming facility  
No UV  
Strobe facility (12 fps)

### SOURCE LIFE

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

### OPTICS

10 degrees beam angle (ordering code AL 1260 outdoor / AL 1270 indoor)  
30° beam angle (ordering code AL 1262 outdoor / AL 1272 indoor)  
45° beam angle (ordering code AL 1264 outdoor / AL 1274 indoor)  
Optional frost filter for 10° optic version only (ordering code AL 1308)  
Optional 10° beam angle (ordering code AL 1324)  
Optional 30° beam angle (ordering code AL 1325)  
Optional 45° beam angle (ordering code AL 1326)

### COLOR VARIETY AND EFFECTS

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

### CONTROL OPERATION

Onboard Dip switch set for digital data assignment and stand alone operation control  
Master and Slave  
4 channels of DMX 512 standard protocol  
Input and output DMX signal connectors  
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)

#### ELECTRICAL SPECIFICATIONS

Power Supply:

Standard: 210-250V / 50-60 Hz / 0.15 Amp.

Optional: 90-120V / 50-60 Hz / 0.33 Amp. 200 V / 50-60Hz / 0.17 Amp.

Self-resetting fuse protection

Meets CE safety standards

#### COOLING

Forced ventilation

Convection, which keeps the level of heat within the unit constant and helps dissipation through the metal body.

#### HOUSING

Die cast aluminum body

Scratch resistant silver-gray paint (outdoor version)

Scratch resistant black paint (indoor version)

Easy mounting system for wall, ceiling and floor with full orientation capability

Can operate in any position

#### WEATHER PROTECTION FACTOR

IP66 version: totally protected against dust, and protected against water jets from all directions

IP20 version: protected against solid bodies with size bigger than 12 mm, protected against water downpours falling up to a 60° angle.

#### EXTERNAL OPERATING LIMITS

0-95% relative humidity (non condensing)

#### WEIGHT

IP66 Version: 12 Kg

IP20 Version: 12 Kg

#### MODELS

AL1260 - AL1262 - AL1264 - AL1270 - AL1272 - AL1274