

# ARTICULIGHT

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## LED SERIES

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### SUPER MARINE BRONZE LED

### SUBMERSIBLE RGB LED COLOR CHANGER



The SUPER MARINE BRONZE LED projector is a high quality LED color changer, specifically designed for underwater or free air applications. SUPER MARINE BRONZE LED's RGB color mixing system, using high brightness and efficiency LEDs, is shared with the other LED fixtures of the "D" range and SUPER MARINE BRONZE LED has the same innumerable benefits and control options. SUPER MARINE BRONZE LED, with its pressure diecast bronze housing, features an IP68 all water-dust-weather protection rating and is the appropriate choice for a huge variety of lighting submerged installations. Various models are available with different beam angle options.

## Technical Specifications

### SOURCE

Class 3 Low Voltage  
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 AL1228  
30° beam angle - ordering code AL1229  
45° beam angle - ordering code AL1230

### 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

Onboard Dip Switch set for digital data assignment and stand alone operation control  
Master and Slave 4 channels of DMX 512 standard protocol  
Optional remote control (ordering code AL1320)  
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: low voltage 12V  
Power Consumption: 36W max at full intensity (full RGB)  
LED operation voltage 12VAC  
Class 3 units require a separate transformer box  
Transformer box powering up to 4 units (ordering code AL 1318)  
10 meter power supply cable included  
10 meter digital data cable included  
Self-resetting fuse protection  
Meets CE safety standards

### HOUSING

Die cast bronze body with stainless steel fixing screws  
Beam angle orientation adjustment of 10°  
Full 360° orientation capability  
IP68 protection rating (Insulation Class III)  
<http://www.articulight.com/acc/IPRatings.html>

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

WEIGHT  
Unit: 12 Kg  
IP65 transformer box: 3.6 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.