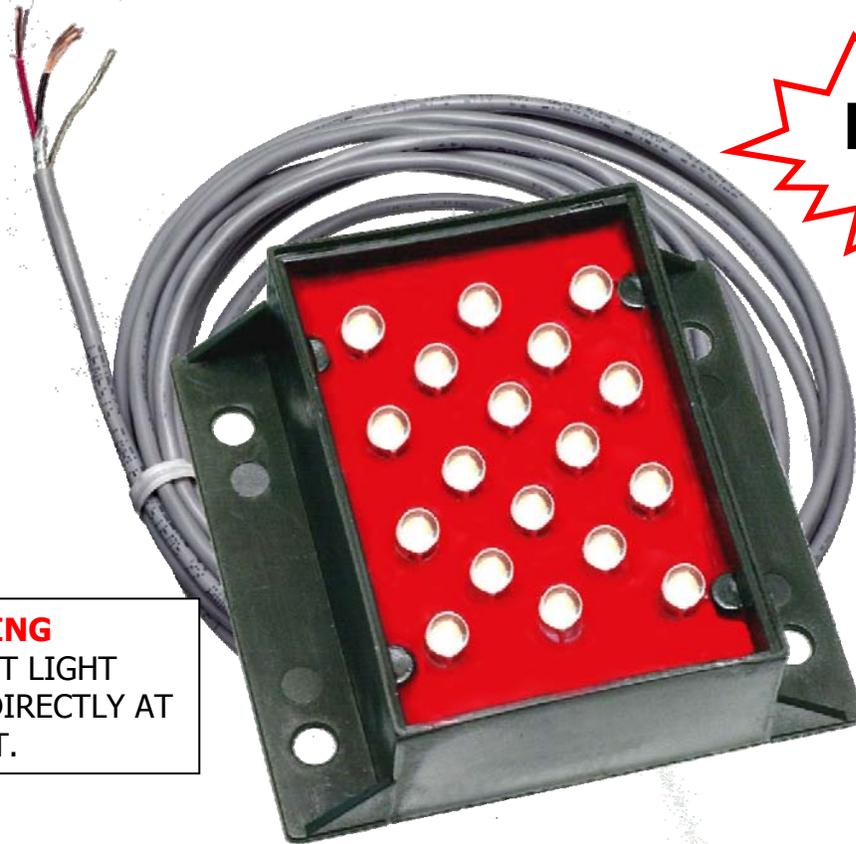


# The "**AFTERBURNER**"

## High Visibility / Low Power Brake and Rain Light

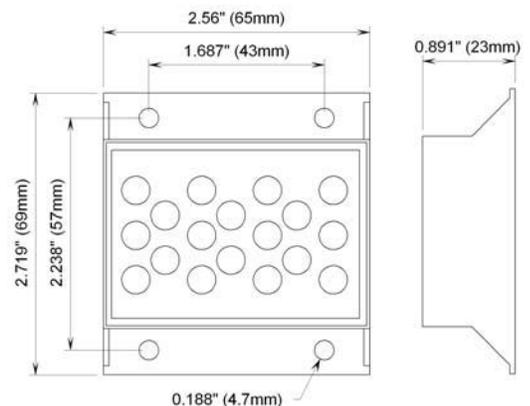


**WARNING**  
 VERY BRIGHT LIGHT  
 DO NOT LOOK DIRECTLY AT  
 LIGHT.

The **AFTERBURNER** features a Rain and Brake light, two separate functions in the same package. The **AFTERBURNER** rain light has a high flash rate which is important in attracting attention in low visibility conditions. This is a three wire unit with wires for Brake, Rain and battery negative. The **AFTERBURNER** uses LOW power, so minimal that you can power it from a single 9 volt battery. **Low drain on battery and alternator equals more horsepower, more valuable horsepower available to win races.** The **AFTERBURNER** is perfect for Formula and Sport Racer, and all other purpose built race cars. NO resistor to install or break like other LED lights.

### Specifications:

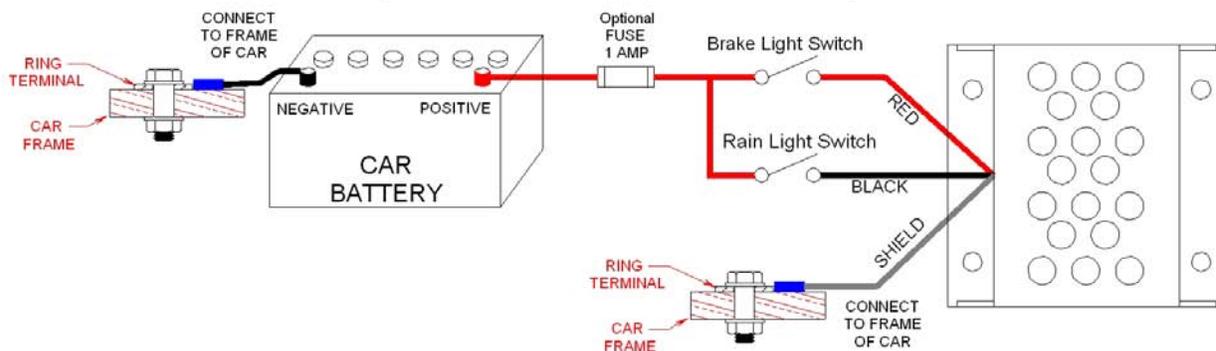
18 Super Bright Red LED's Highest output LED's available on market today.  
 Solid state LED's have infinite life, not like incandescent filaments that break.  
 More light output than other LED units with over 50 LED's plus this uses less power.  
 Less power than an incandescent bulb which use 1.8 amps or more.  
 All Solid state electronics, high vibration resistant nothing to break.  
 Waterproof and submersible epoxy sealed construction makes this a perfect rain light.  
 Made in America, not an import from China.  
 Brake light 0.23 amps @ 12vdc  
 Flashing Rain light 0.08 amps @ 12vdc  
 Operating voltage range 5vdc to 18vdc



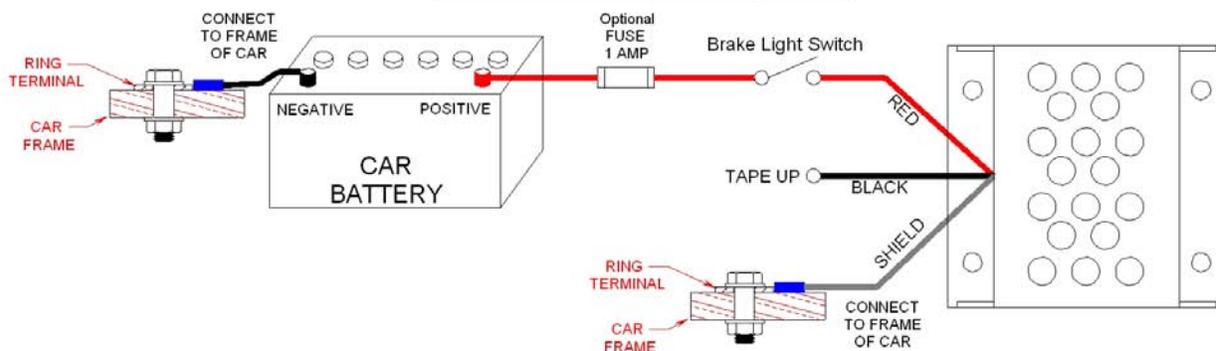
ACT Inc.  
 7050 E. Cty Rd 101, Mpls MN 55379  
 Ph 952-882-0000, Fax 952-890-3644



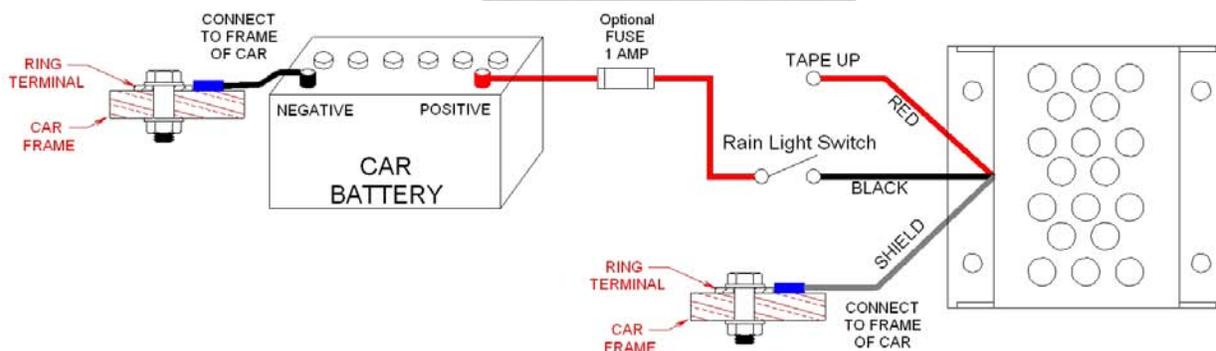
## BRAKE & RAIN LIGHTS



## BRAKE LIGHT ONLY



## RAIN LIGHT ONLY



Specification/ Feature	Description	How does it Benefit you ?
Display Bulb type	Light Emitting Diode (LED)	Long life 10,000's of hours, incandescent bulbs 100 hours typical. Withstand high vibration, incandescent bulbs fail with vibration.
Number of LED's	18	Easy to see car ahead, larger area of light.
Number of circuits	18	If one component fails only one LED goes out, other units you loose 5 or more LED's reducing the ability of approaching car to see you.
Viewing Angle	± 30 degrees	Wide viewing angle, easily seen from either side of the racetrack. With narrow viewing angles (less than 18 degrees) you can only see if directly in line with light.
Voltage	7 Vdc min. to 18Vdc max.	Wide range of battery power will operate without dimming, end of race when battery levels are lower still same brightness.
Current	0.08 amps (80mA)	Low battery drain, will not rob power from engine, higher current LED units and incandescent bulbs take more power to operate, stealing power needed to win races.
Power consumption	0.1 watts	
Light output	5800 mcd / LED at 30 <sup>0</sup> viewing angle	Highest light output available, exceeds 900,000mcd in light meter tests.
Operating temperature	-25 <sup>OC</sup> to +125 <sup>OC</sup> (-13 <sup>OF</sup> to +257 <sup>OF</sup> )	Withstands high temperatures near exhaust and rear wing area on Formula cars.
Housing	Glass Filled Nylon	Rugged durable plastic, same material as used in radiators.
Voltage spike protection	75Vdc	Survives high voltage spikes caused by alternator failures, battery chargers and jump starting.
Hook-up protection	Reverse diode	Will not fail if hooked up backwards.
Weight with cable	95 grams (0.2 lbs.)	Less weight of other units equals more wins.
Submersible/ Waterproof	IP 67, Submersible Industrial Rating	ONLY unit on market that will survive wash downs, rain down pours or long term submersion.

***AFTERBURNER*** is **Submersible / Waterproof**  
**High Visibility / Low Power**  
**Brake and Flashing Rain Light**



**NEW**  
Patent  
Pending

ACT Inc.  
7050 E. Cty Rd 101  
Mpls MN USA 55379  
  
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## ***AFTERBURNER* Connector**

- Connectors installed at 12" from the light.
- 36" of cable with mating connector attached, for wiring to electrical harness.

### **Weather Pack Connectors**



#### **WARNING:**

Customer hereby acknowledges that automobile racing is an inherently dangerous activity and, to that end, agrees to assume full responsibility for the risk of bodily injury, death or property damage due to the use of the parts provided by Advanced Control Technology, Inc. Customer agrees to release and indemnify Advanced Control Technology, Inc. for any and all loss or damage, and any claim or damages resulting there from, on account of any injury to customers or third parties, persons or property as a result of the use of the goods or services provided hereunder by Advanced Control Technology, Inc. Do Not look at light if less than 10 feet away, eye damage and/or seizures as well as other physical harm not listed here make occur. Furthermore, Advanced Control Technology Inc. does not warrant, either expressly or impliedly, the fitness for purpose of any parts or service provided by Advanced Control Technology, Inc.