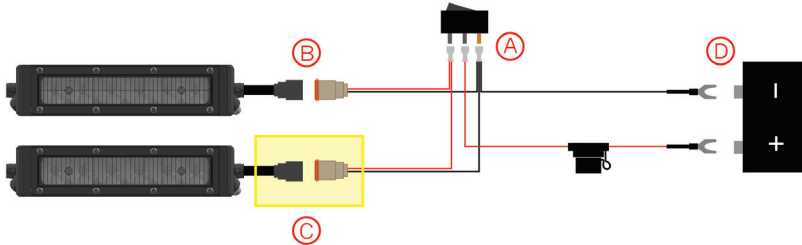


Thank you for your purchase of this Diode Dynamics Wiring Harness. Using standard Deutsch DT style connectors, this harness can be used for Stage Series LED Light bars, or other power supply needs. Basic installation instructions are included below. Please contact us if you have any questions.



1. Determine a suitable location to mount the switch and route the switch to that location. This may require going through the vehicle's firewall. We recommend unplugging the toggle switch from the harness to route the wires more easily. Drill an appropriate-sized hole for the switch. Then reconnect the wires to the switch and mount it **A**.
2. Connect the wiring harness to the light bar **B**. If you have purchased a single light bar, the second connector will not be used **C**. Be sure to secure the unused connector.
3. Next, route the harness to the battery. Be sure to avoid areas with excessive heat buildup or moving parts. We recommend following the path of the vehicle manufacturer's wiring harness.
4. Connect the split ring terminals on the wiring harness to the battery **D**. The black (ground) wire should be connected to the negative battery terminal and the red (power) wire should be connected to the positive battery terminal.
5. Test thoroughly and aim the light bar in the desired direction. ***Please check your local laws and regulations for aiming, installation, and applicability.***

Specifications

| LENS COLOR/OPTICS | PEAK BEAM INTENSITY (CANDELA) | ILLUMINANCE (LUX @ 10M) | MEASURED OUTPUT (LUMENS) | RAW OUTPUT (LUMENS) | OUTPUT COLOR |
|-------------------|-------------------------------|-------------------------|--------------------------|---------------------|--------------|
| White Driving | 55,000 cd | 550 lux | 1,400 lm | 2,280 lm | 6000K White |
| White Wide | 13,000 cd | 130 lux | 1,400 lm | 2,280 lm | 6000K White |
| Amber Driving | 33,000 cd | 330 lux | 800 lm | 1,140 lm | 2000K Amber |
| Amber Wide | 7,400 cd | 74 lux | 800 lm | 1,140 lm | 2000K Amber |

Measured Lumens: 2280

Intensity (cd): 47,000

Color Temp (CCT): 2000K, 6000K

Beam Angle: Wide, 100°x8°, Driving, 20°x8°

Power (watts): 26.6

Operating Voltage: 9-16V

Current (amps @ 13.2V): 1.9

Polarity: Polarity Specific

Operating Temperature: -40C to 85C (-40F to 185F)

LED Emitter: Luxeon Z ES

Connector(s): Deutsch DT Input

Materials: Aluminum PCB, Polycarbonate Lens, Aluminum Heatsink

Cooling: Passive, heatsink

Intrusion Ratings: IP68 Waterproof

Product Dimensions (in): 7x3x1.63 If you would like CAD for your project, please contact us.