



# SOVEREIGN

## Identifier Lightbar

LED Power 126W total / Waterproof IP68 / Operating Voltage 9-30V DC (fits 12V, 24V vehicles) / Operating temperature  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$  / Lifespan 50,000 Hours  
Material Aluminum housing, Aluminum substrate circuit board, led chips, PC lens

Package Includes 20 Inch LED Identifier Light Bar Kit, 1 inline fuse holder & 15amp fuse

Warranty: 1 year warranty

**Installation by a qualified EVT or equivalently skilled automotive electronics tech is recommended.**

Installation instructions:

1. Mounting: Locate and confirm a suitable mounting location.
2. Drill necessary mounting holes (if necessary) at the mounting location. Use the supplied hardware to mount the lightbar. Secure all fasteners as needed.
3. Electrical: Be sure to use high quality wire and heat shrink style connectors when making electrical connections to the light bar. Protect the wires with loom or other suitable covering and grommets in any holes as they pass along the way to the switch and power source.
4. Route customer supplied positive wire (16ga < 10 feet or 14ga up to 18 feet) from the red wire of the light to your switch or control point location. Extend the lights black wire using a similar gauge to the closest appropriate chassis or even battery ground (-). **Sheet metal screws into the chassis for grounding is NOT recommended.**
5. Connect the extended positive power wire to a customer supplied switch that is capable of a minimum of 10 amps constant duty.
6. Obtain 12v supply for your switch from a source capable of at least 15 amps constant. Route the supply wire from the switch to the power source. Use the supplied 15-amp fuse & inline fuse holder to connect the switch to the power source. **Connecting your switching device through the supplied 15 amp fuse and holder directly to the battery is recommended.**