

Kit Includes: 50" LED Light Bar, Mounting Hardware, Deutsch DT Connector



Features

- Advanced TIR (total internal reflection) optics
- High intensity 6000K Lumileds LEDs
- Slim design, for easy mounting
- Durable aluminum extrusion
- Pressure equalizing vent to eliminate condensation

Specifications

- Input Voltage: 9-24VDC
- Input Power: 259 watts
- Current Draw: 18.5 amps @ 14V
- Operating Temperature: -40° to 185°F
- Weight: 8.2 lbs

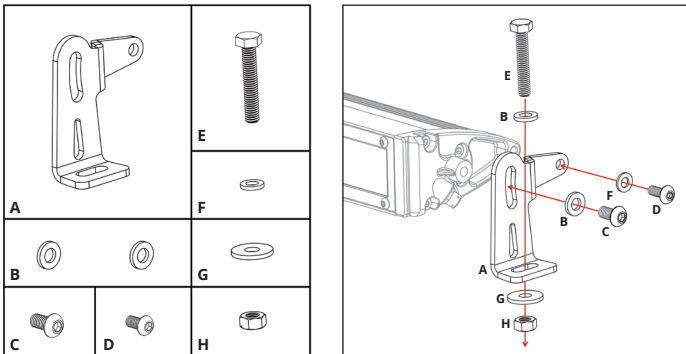
Wiring

Connect the red wire to positive supply, and black wire to negative or common ground.

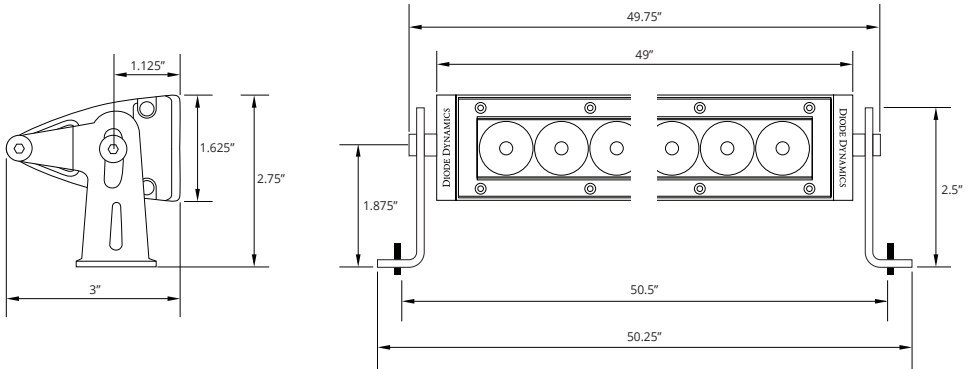
Please note: This auxiliary lamp draws high current, and requires adequately-sized wiring for safe operation. If you are not using a Diode Dynamics wire harness, use wire sized 16 AWG or larger. Please be mindful of current ratings and wire size, especially if splitting power signals to multiple light bars, or using switches. If you have any questions, please feel free to contact us for assistance.

Mounting

If you wish, you may use the included hardware to mount your light bar. A number of fasteners are included, and can be used as you see fit. The most common mounting style is shown below. Stage Series Light Bars are also compatible with most standard mounting brackets on the market. Reference the dimensions on opposite side to determine the best mounting solution for your application.

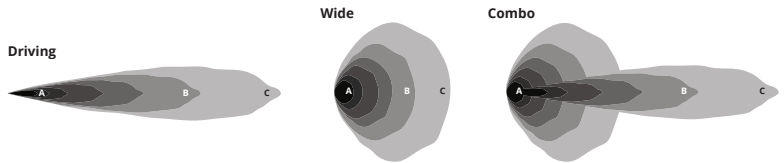


Dimensions



Output

A - lux at 10 meters
B - Distance (m) with 1 lux
C - Distance (m) with .25 lux



SS ₅₀ 50" Light Bar		A	B	C		
Lens Color/Optics	cd*	Illuminance (lx)			Measured Output	Output Color
White Driving	400,000	4,000	632	1,265	11,200 lumens	6000K White
White Wide	100,000	1,000	316	632	11,200 lumens	6000K White
White Combo	325,000	3,250	570	1,140	11,200 lumens	6000K White
Amber Driving	220,000	2,200	469	938	6,400 lumens	2000K Amber
Amber Wide	60,000	600	245	490	6,400 lumens	2000K Amber
Amber Combo	204,100	2,041	452	904	6,400 lumens	2000K Amber

* PEAK BEAM INTENSITY

Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (9a-5p CST) or **contact@diodedynamics.com**.