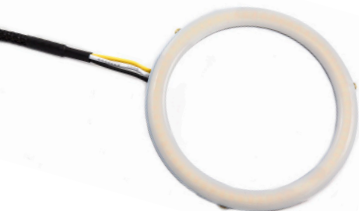


DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

HD Halo/Strip Installation Guide



HDHALO™



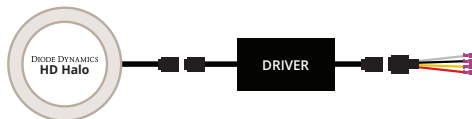
3 YEAR
WARRANTY

Thank you for your purchase of the new HD LED Halos or Strips! With this product, you will be able to customize your vehicle to match your unique style!



Please note: Headlights must be opened before proceeding with installation. This process can be completed by heating and prying the lens from the housing. We recommend viewing example videos online to understand the process however, professional installation is strongly recommended. Please contact Diode Dynamics if you need assistance locating an installer.

1. Once the headlight is opened, mount the halo/strip using beading wire or JB Weld. Be sure to mount it in a location away from any light source to avoid heat damage.
2. Next, route the wires through any shroud or bezel to the back of the headlight, sealing any holes that you may create.
3. Connect the halo/strip connector to the driver and then connect the driver to the pigtail. See diagram below. Next, tap the bare wires on the pigtail to 12V power and ground. This will dictate when the panels turn on. See the wire function in the table below.



DD WIRE	FUNCTION
WHITE	Low Power, 50% Brightness
BLACK	Ground
YELLOW	Turn Signal
RED	High Power, 100% Brightness

IMPORTANT: DO NOT plug the LED panel directly into pigtail without the driver. The LEDs must be plugged into the driver first to control the power.

4. Mount driver and tuck all wires. Driver should be mounted outside of headlight for serviceability, in a location away from the engine block to avoid excessive heat buildup.
5. Test thoroughly, reseal headlight and reinstall onto vehicle.



Specifications

HALO SIZE	LUMEN OUTPUT			POWER CONSUMPTION			CURRENT DRAW		
	Amber	High White	Low White	Amber	High White	Low White	Amber	High White	Low White
50mm	250 lm	160 lm	90 lm	5.5W	2.9W	1.9W	410mA	215mA	135mA
60mm	350 lm	200 lm	115 lm	6.2W	3.2W	2.1W	470mA	250mA	150mA
70mm	390 lm	260 lm	150 lm	7.9W	4W	2.4W	600mA	310mA	190mA
80mm	400 lm	265 lm	150 lm	7.9W	4.1W	2.5W	600mA	310mA	190mA
90mm	580 lm	380lm	200 lm	10.4W	5.3W	3.1W	790mA	410mA	240mA
100mm	580 lm	380 lm	200 lm	10.4W	5.3W	3.1W	790mA	410mA	240mA
110mm	600 lm	400 lm	250 lm	13.5W	6.8W	3.8W	1A	520mA	290mA
120mm	610 lm	410 lm	260 lm	13.5W	6.8W	3.8W	1A	520mA	290mA
130mm	720 lm	420 lm	260 lm	15.8W	6.9W	3.9W	1.3A	550mA	320mA
140mm	720 lm	420 lm	260 lm	15.8W	6.9W	4.0W	1.4A	550mA	320mA
150mm	790 lm	440 lm	260 lm	15.8W	7.0W	4.0W	1.4A	550mA	320mA
160mm	790 lm	440 lm	260 lm	15.8W	7.0W	4.0W	1.4A	550mA	320mA
185mm	700 lm	600 lm	240 lm	14W	11W	5.5W	1.1A	780mA	390mA

Color Temp (CCT): 6000K

Operating Voltage: 9-16V

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

Connector(s): JST Inline Connectors, T-Tap Inputs

Driver Dimensions: 2.5" x 1.38" x 0.88"