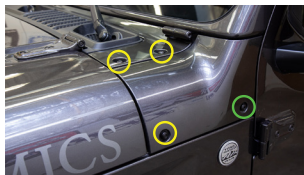# DIODE DYNAMICS
PERFORMANCE LIGHTING TECHNOLOGY

2018+ Jeep JL Wrangler
Cowl Mount Installation Guide

Thank you for your purchase of this custom-designed Cowl Mount for your 2018+ Jeep JL Wrangler! This kit utilizes factory mounting points and included hardware to mount the bracket to the vehicle.

Tools Needed: T40 Torx Bit

1. On either side of the vehicle, remove the three factory bolts as indicated using a T40 Torx driver.

Tip: If you're planning on running wires, you can remove the fourth bolt to remove the panel completely. Route your wires out next to the windshield hinge, then reinstall the trim piece.

2. Place the included spacers over the three mounting points. Align the bracket in place, and use the included OEM-style extended hardware to secure.

3. Mount your auxiliary lighting to the bracket using any of the slotted cutouts. Route the wiring, and test thoroughly to complete installation.

This installation guide is for the following SKU:
DD6089 Jeep 2018 Cowl Bracket Kit

Specifications

LENS COLOR/OPTICS	PEAK BEAM INTENSITY (CANDELA)	ILLUMINANCE (LUX @ 10M)	MEASURED OUTPUT (LUMENS)	OUTPUT COLOR
White Driving	55,000 cd	550 lux	1,400 lm	6000K White
White Flood	2,000 cd	20 lux	1,400 lm	6000K White
Amber Driving	33,000 cd	330 lux	800 lm	2000K Amber
Amber Flood	1,200 cd	12 lux	800 lm	2000K Amber

Intensity @ 10m: 470 lux (Driving)

Raw Output: 2280 lumens

Measured Lumens: 1400

Intensity (cd): 47,000

Color Temp (CCT): 2000K, 6000K

Beam Angle: Driving, 20°x8°, Flood, 80°x50°

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.

When it comes to quality off-road lights, Diode Dynamics is the brand you can depend on.