



DL Series
LED Light Pod

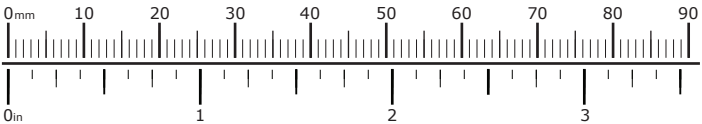
Thank you for choosing DENALI
We know you would rather be riding your bike than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at 401.360.2550 or visit WWW.DENALIELECTRONICS.COM

Please Read Before Installing
DENALI products should always be installed by a qualified motorcycle technician. If you are unsure of your ability to properly install a product, please have the product installed by your local motorcycle dealer. DENALI takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed, especially when mounting products to the front fender, front forks, or fairing of your motorcycle. Always be sure to turn the handlebars fully left, fully right, and fully compress the suspension to ensure the wires will not bind and have enough slack for your motorcycle to operate properly.

Installation Tips
We strongly recommend using medium strength liquid thread locker on all screws, nuts, and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure proper torque specifications are maintained.

Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide
Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



DENALI DL Series Driving Light Pods



DL2 Visibility Flood

Clear: DNL.DL2.050.W
Amber: DNL.DL2.050.A
Yellow: DNL.DL2.050.Y

DL4 Hybrid Driving

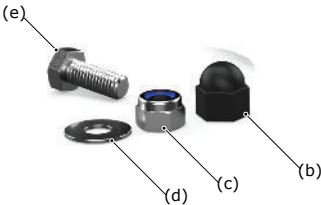
Clear: DNL.DL4.050.W
Amber: DNL.DL4.050.A
Yellow: DNL.DL4.050.Y

DL6 Hybrid Driving

Clear: DNL.DL6.050.W
Amber: DNL.DL6.050.A
Yellow: DNL.DL6.050.Y

DL9 Hybrid Driving

Clear: DNL.DL9.050.W
Amber: DNL.DL9.050.A
Yellow: DNL.DL9.050.Y



Included With Each Light Pod

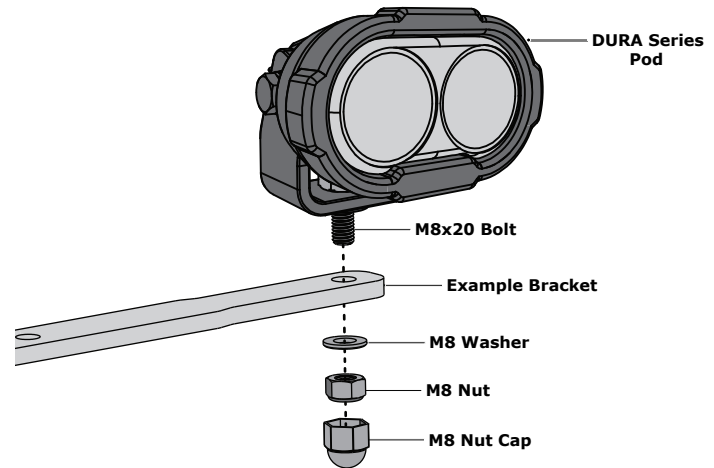
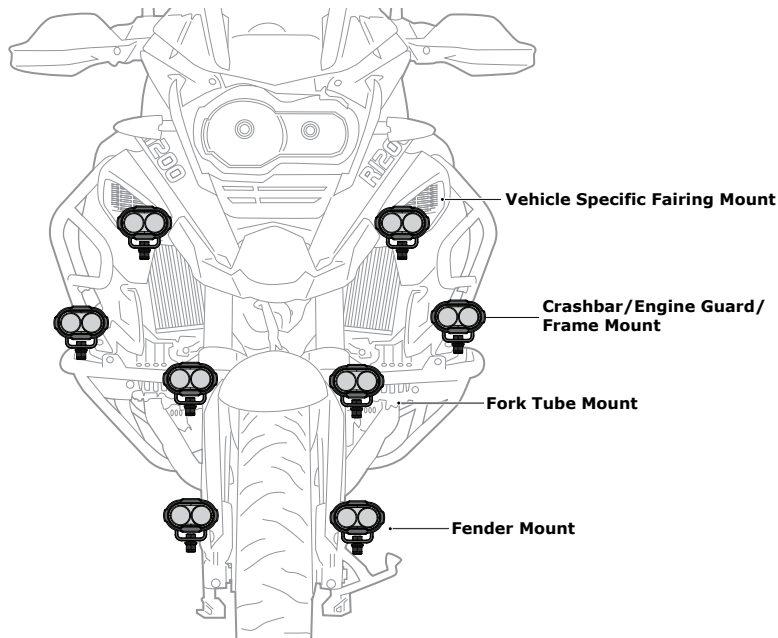
- (a) Wiring Pigtail.....Qty 1
(b) M8 Nut Cap.....Qty 1
(c) M8 Nyloc Nut.....Qty 1

- (d) M8 Washer.....Qty 1
(e) M8 x 20mm Hex Head Bolt.....Qty 1

Tools Required: 13mm Wrench, 4mm Allen Key

1. Mounting The Lights

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1.1 - Choosing The Mounting Location

DENALI offers dozens of universal and vehicle specific light mounts. To determine the best mounting location consider the following tips. For maximum beam distance at night, mount the lights higher up. For maximum day time visibility, mount the lights down low to increase your overall lighting footprint. To create the optimum lighting and visibility package, mount one pair of long distance spots up high for night time distance and one pair of flood or hybrid lights down low for day time visibility and night time fill.

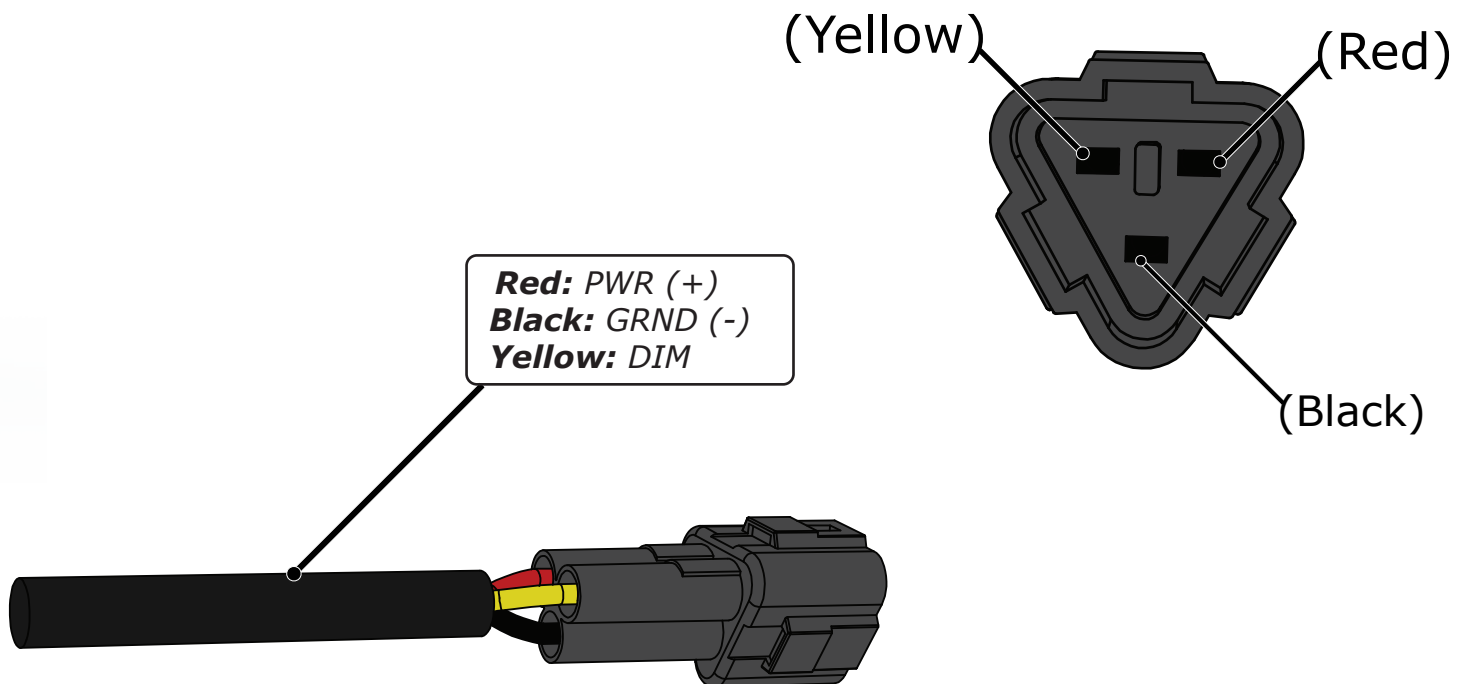
Check out our full mounting application chart at DENALIELECTRONICS.COM to see all the mounting options available for your vehicle.

1.2 - Mounting The Light

Step One: Use a 13mm wrench and the included M8 screw, washer, nut and nut cap to attached the pods to the mounting bracket.

Step Two: Use the M8 plastic nut cap to cover the nut and exposed thread.

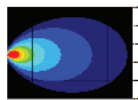
2. Wire Colors & Pinout



DL2 Visibility Flood

Pod Size: 3" x 3"

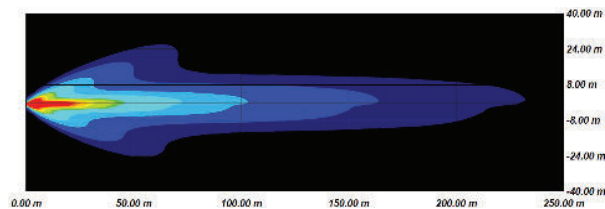
Watts: 16 Lumens: 1,700



DL4 Hybrid Driving

Pod Size: 3" x 3"

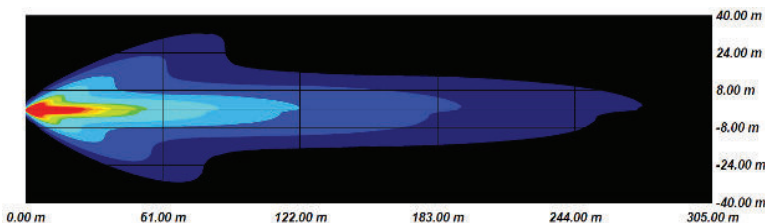
Watts: 32 Lumens: 3,400



DL6 Hybrid Driving

Pod Size: 4.5" x 3"

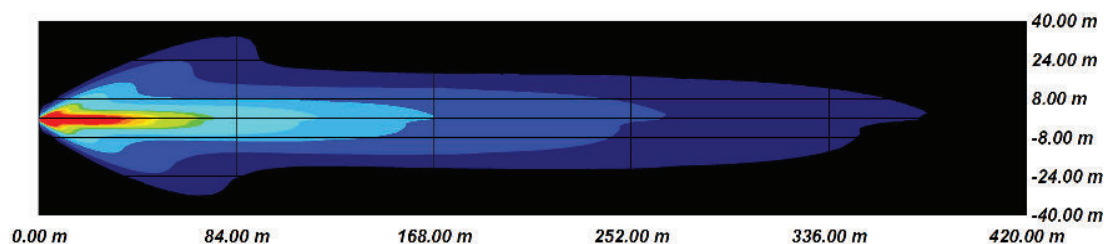
Watts: 48 Lumens: 5,100



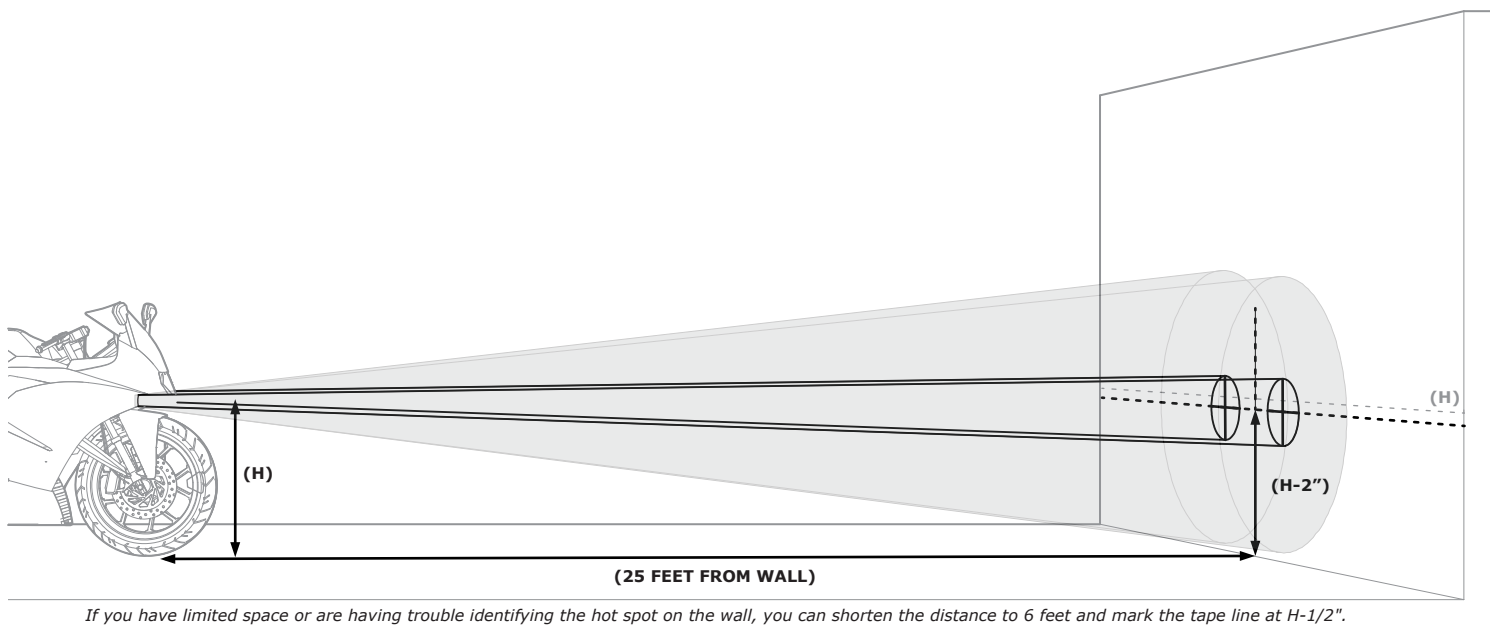
DL9 Hybrid Driving

Pod Size: 4.5" x 4.5"

Watts: 72 Lumens: 7,650



4. Aiming The Lights



2.1 - Suggested Aiming Method

Step One: With someone sitting on the bike and holding it upright on level ground, position the vehicle 25 feet from a flat and vertical wall. Be sure the wall is large enough that both beams can be projected onto the wall. A garage door is a great place to perform this procedure.

Step Two: Measure the distance from the ground to the center of the light pods (H)

Step Three: Using tape, make a horizontal line that is 2 inches lower than the previous measurement from the ground to the center of the lights (H-2'').

Step Four: Loosen the mounting and hinge bolts then aim each light so that the center of the hot spot aligns with the tape line on the wall. The lights should be aimed equidistant left and right from center line of the vehicle.

Step Five: Once final adjustments are made to the lights, tighten the mounting and hinge bolts.

Congratulations! The DENALI LED Light Kit has been successfully installed! Enjoy!