



INSTALLATION INSTRUCTIONS



Installation Instructions & User's Manual



About The 4.5" LED Light Cannon:

<p>1 Cannon</p>  <p>LIGHT Qty: 1</p>	<p>2 Pigtail</p>  <p>WIRING Qty: 1</p>	<p>3 Hex Head Bolt [M10]</p>  <p>PART (B1) Qty: 1</p>
<p>4 Allen Key [6mm]</p>  <p>PART (A1) Qty: 1</p>	<p>5 Washer [M10]</p>  <p>PART (W1) Qty: 1</p>	<p>6 Nylock Nut [M10]</p>  <p>PART (N1) Qty: 1</p>

FEATURES

1. Lightweight hybrid housing.
2. Integrated electronic thermal management (ETM).
3. Single 25 watt LED produces 1,000' of usable light.

4.5" LED LIGHT CANNON SPECIFICATION

1. Warranty : Extended
2. Amp Draw : 2.08A @ 12V DC
3. Input Voltage : 9-32V DC
4. Beam Patterns : 10°, Snap-On Filters Available
5. LED Lifespan : 50,000 Hours

PREPARATION

1. We recommend completely reading instructions before installing.
2. Consult your local state regulatory agency regarding the use of LED lighting.
3. The placement of LED lighting should not restrict airflow to the radiator, or block head lamps, turn signals, or parking lights.

WARNING: Bolts, Nuts, and Washers are Stainless Steel. DO NOT USE Pneumatic or Electric Tools to Tighten and Loosen. The Hardware Will Permanently Lock Together.

WIRING INSTALLATION INSTRUCTION

1. Supplied with the Optimus is a 3" Pigtail.
2. Connect the positive (red) wire and negative (black) wire into an existing power source.

MOUNTING INSTALLATION INSTRUCTION

1. Determine where the light/lights will be placed.
2. Place mounting bracket with light to desired location. Using a marker or pick tool, mark the center point of the bolt hole on the mounting surface.
3. Set the light aside. Drill out a large enough hole to fit the [M10] bolt Part (B1).
4. Remove the mounting bracket from the lights by unscrewing the 1 6mm Allen Head Bolt Part (B2).
5. Line up the mounting bracket with the hole you just drilled, slide the [M10] Bolt (B1) through both.
6. On the other side of mounting surface slide the [M10] Washer Part (W1) and [M10] Nylock Nut Part (N1) onto the [M10] Bolt (B1). Tighten Nut & Bolt to desired tightness.
7. Reassemble the light back on the mounting bracket by reapplying the 6mm Allen Head Bolt (B2). Tighten to desired tightness.

TIP: For complete application guide see website

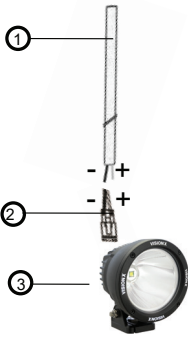


LIGHT ANGLE ADJUSTMENTS

1. Use the 6mm Allen Key PART (A1) to loosen the Allen head bolts Part (B2) on the side of the light.
2. Adjust the light to your desired angle and tighten Bolt (B2).

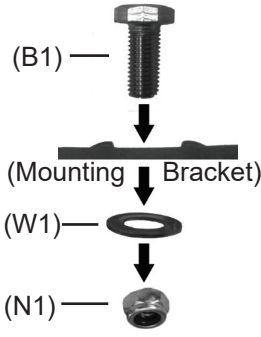
COMPONENTS KEY

1. Wire to factory fog light
2. Pigtail
3. LED Light



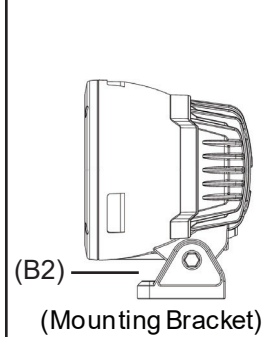
MOUNTING KEY

- Part (B1) Bolt
(Mounting Bracket)
Part (W1) Washer
Part (N1) Nut



ADJUSTMENT KEY

- Part (B2) [6mm]
Locking Bolt



MAINTENANCE

1. All Vision X models have been designed for maintenance free use. In the case that an LED lamp or other part replacement is needed please contact your authorized service center.

TIP: For complete application guide see website