



## Installation Instructions & User's Manual





### **VISION X**



## About The Optimus Halo LED Light:













#### **FEATURES**

- 1. High strength adjustable trunnion mount.
- 2. Single 10 watt LED produces 883' of usable light.
- 3. Integrated electronic thermal management (ETM).

#### **OPTIMUS HALO SERIES SPECIFICATIONS**

1. Warranty : Extended

2. Amp Draw : 0.83A @ 12V DC

3. Input Voltage : 9-32V DC

4. Beam Patterns : 15°

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.

# OPTIMUS HALO LED LIGHT OPTIMUS



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

#### 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.
- 3. To connect the Halo wire Part (H1) tap the white wire to an existing power source or on its own auxiliary switch.

#### **DIMMING FUNCTION**

Your light is capable of dimming through the Prime Drive wire on the light's plug. To achieve this requires our authorized accessories, the XIL-PDIMMER, or XIL-PDIMMERBUTTON. **Do Not** connect the Prime Drive wire without authorized accessories as this will damage the electronics.

#### MOUNTING INSTALLATION INSTRUCTION

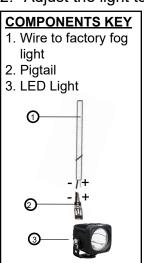
- 1. Determine where the light/lights will be placed.
- Place mounting bracket with light to desired location. Using a marker or pick tool, mark the center point of the bolt hole on the mounting surface.
- 3. Set the light aside. Drill out a large enough hole to fit the [M8] bolt Part (B1).
- Remove the mounting bracket from the lights by unscrewing the 2 5mm Allen Head Bolt Part (B2).
- 5. Line up the mounting bracket with the hole you just drilled, slide the [M8] Bolt (B1) through both.
- On the other side of mounting surface slide the [M18]
  Washer Part (W1) and [M8] Nylock Nut Part (N1) onto the
  [M8] Bolt (B1). Tighten Nut & Bolt to desired tightness.
- Reassemble the light back on the mounting bracket by reapplying the 5mm Allen Head Bolts (B2). Tighten to desired tightness.

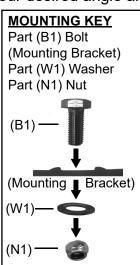
TIP: For complete application guide see website

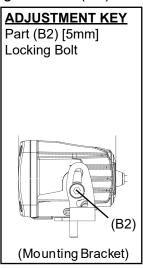


#### LIGHT ANGLE ADJUSTMENTS

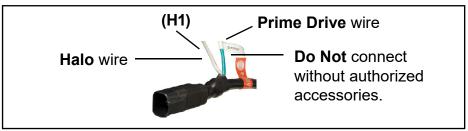
- 1. Use the 5mm Allen Key PART (A1) to loosen the Allen head bolts Part (B2) on the side of the light.
- 2. Adjust the light to your desired angle and tighten Bolt (B2).







#### **HALO AND DIMMER WIRE:**



#### **MAINTENANCE**

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

