



# INSTALLATION INSTRUCTIONS

# OPTIMUS

UNIVERSAL LED DRIVING LIGHT

Installation Instructions & User's Manual



## About The Optimus LED Light:

<b>1</b>	Optimus
	
<b>LIGHT</b>	Qty: 1

<b>2</b>	Pigtail
	
<b>WIRING</b>	Qty: 1

<b>3</b>	Hex Head Bolt [M8]
	
<b>PART (B1)</b>	Qty: 1

<b>4</b>	Allen Key [5mm]
	
<b>PART (A1)</b>	Qty: 1

<b>5</b>	Washer [M8]
	
<b>PART (W1)</b>	Qty: 1

<b>6</b>	Nylock Nut [M8]
	
<b>PART (N1)</b>	Qty: 1

### FEATURES

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

### OPTIMUS SERIES SPECIFICATIONS

1. Warranty : Extended
2. Amp Draw : 0.83A @ 12V DC
3. Input Voltage : 9-32V DC
4. Beam Patterns : 10°, 20°, 60° 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.

## **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.
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 [M8] bolt Part (B1).
4. 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.
6. 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.
7. 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

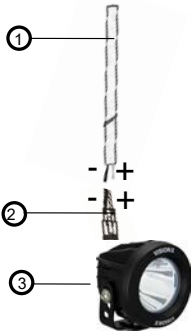


## LIGHT ANGLE ADJUSTMENTS

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).

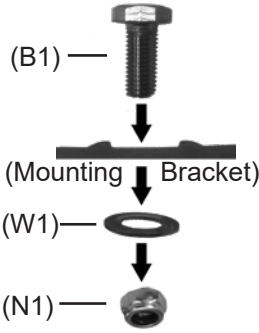
### COMPONENTS KEY

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



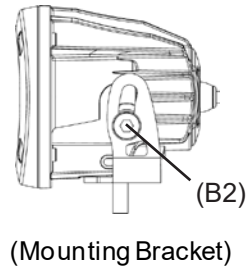
### MOUNTING KEY

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



### ADJUSTMENT KEY

- Part (B2) [5mm]  
Locking Bolt



## DIMMER WIRE:

**Do Not** connect \_\_\_\_\_ without authorized accessories.



## 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.