



## INSTALLATION INSTRUCTIONS



### GEN 2

## Installation Instructions & User's Manual



## About The 4.7" Gen 2 LED Light Cannon:

<b>1</b>	GEN 2 Cannon
	
<b>LIGHT</b>	Qty: 1

<b>2</b>	Pigtail
	
<b>PART (P1)</b>	Qty: 1

<b>3</b>	Hex Head Bolt [M10]
	
<b>PART (B1)</b>	Qty: 1

<b>4</b>	Washer [M10]
	
<b>PART (W1)</b>	Qty: 1

<b>5</b>	Nylock Nut [M10]
	
<b>PART (N1)</b>	Qty: 1

### FEATURES

1. Lightweight hybrid housing.
2. Seven 7 watt LEDs produce 705' of usable light.
3. Integrated electronic thermal management (ETM).

### 4.7" GEN 2 LED LIGHT CANNON SPECIFICATION

- |                  |                                  |
|------------------|----------------------------------|
| 1. Warranty      | : Extended                       |
| 2. Amp Draw      | : 4.08A @ 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.

## 4.7” GEN 2 LED LIGHT CANNON

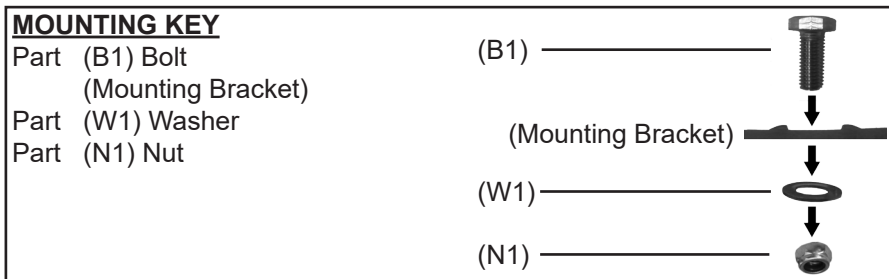


**WARNING: Bolts, Nuts, and Washers are Stainless Steel. DO NOT USE Pneumatic or Electric Tools to Tighten and Loosen. The Hardware Will Permanently Lock Together.**

### **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. Line up the mounting bracket with the hole you just drilled, slide the [M10] Bolt (B1) through both.
5. 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.

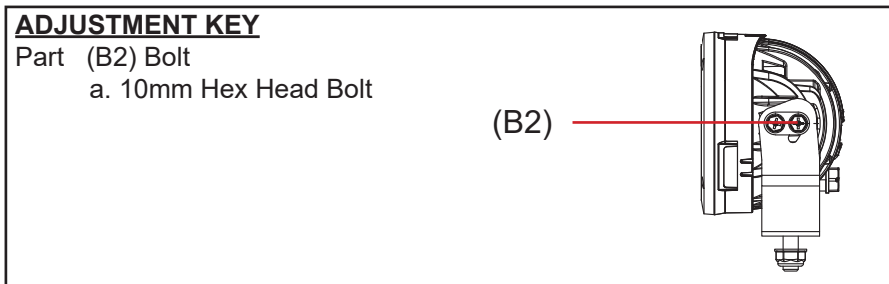
### **MOUNTING DIAGRAM**



### **LIGHT ANGLE ADJUSTMENTS**

1. Use a 10mm socket to loosen the 2 Hex head bolts Part (B2) on each side of the light.
2. Adjust the light to your desired angle and tighten Bolts (B2).

### **LIGHT ANGLE ADJUSTMENT DIAGRAM:**





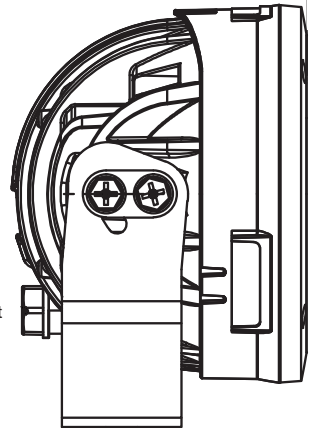
## **WIRING INSTALLATION INSTRUCTION**

1. Supplied with the Optimus is a 3" Pigtail, Part (P1).
2. Connect the positive red wire Part (R1), and negative black wire Part (B1), into an existing power source.

## **WIRING DIAGRAM**

### **COMPONENTS KEY**

- Part (P1) Pigtail  
Part (R1) Power Wire  
a. 12-32V DC Positive (+) Input Wire  
Part (B1) Ground Wire  
a. 12-32V Negative (-) Input Wire



## **MAINTENANCE**

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