



Explora
LED Light Bars
US Specification

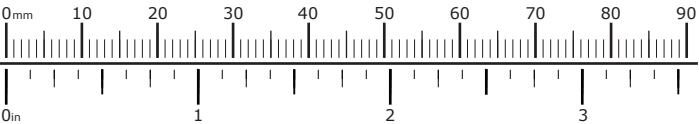
Thank you for choosing VISIONX
We know you would rather be driving your vehicle than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at +1 253 338 8716 or visit WWW.VISIONXOFFROAD.COM

Please Read Before Installing
VISIONX products should always be installed by a qualified technician. If you are unsure of your ability to properly install a product, please have the product installed by your local dealer. VISIONX 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.

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.



VISION X Explora Series Light Bars



10" Single-Row Light Bar
EX-LB8S



20" Single-Row Light Bar
EX-LB18S



30" Single-Row Light Bar
EX-LB28S



10" Double-Row Light Bar
EX-LB2.8S



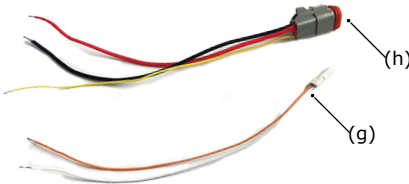
20" Double-Row Light Bar
EX-LB2.18S



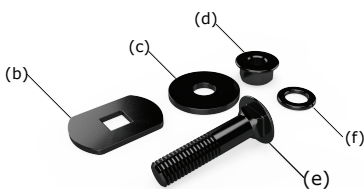
30" Double-Row Light Bar
EX-LB2.28S

Kit Contents

- (a) Explora Series Light bar With Smoked Lens Included.....Qty 1
- (b) Oval Washer.....Qty 1
- (c) M8 Washer.....Qty 1
- (d) M8 Flange Nut.....Qty 1

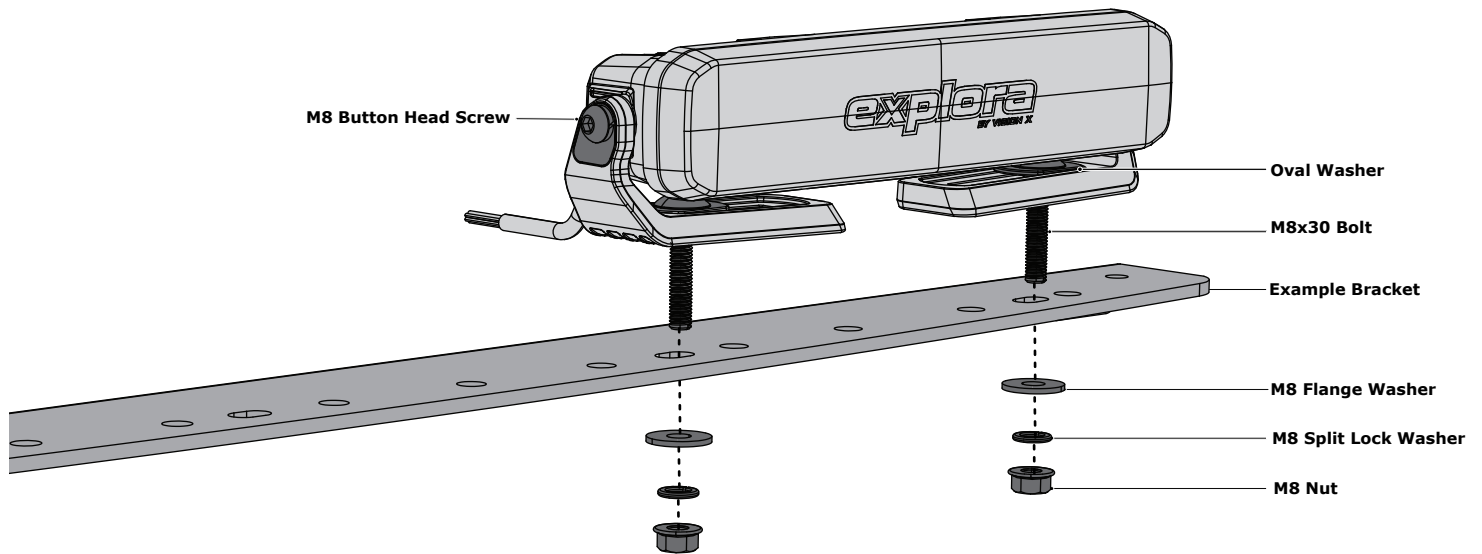


- (e) M8 x 30mm Round Head Square Neck Bolt.....Qty 1
- (f) M8 Split Lock Washer.....Qty 1
- (g) 6 Pin Wiring Pigtail.....Qty 1
- (h) 2 Pin Wiring Pigtail.....Qty 1



1. Mounting The Lights

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1.1 - Mounting The Light

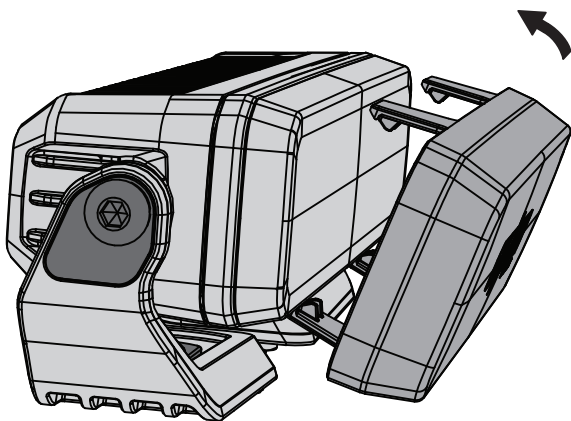
Step One: Align the M8 bolts with the holes on the mounting bracket and secure them in place from below with the included Flange washer, Split lock washer and M8 Nut.

1.2 - Mounting The Light

Step Two: When the light Bar is properly torqued down, final up-down aiming can be adjusted by loosening the M8 Button Head screws found on each side of the mounting feet. Re-tighten these screws after the desired aim is achieved.

Note: The mounting feet are slotted to allow adjustment of the M8 bolt to accommodate different mounting hole patterns.

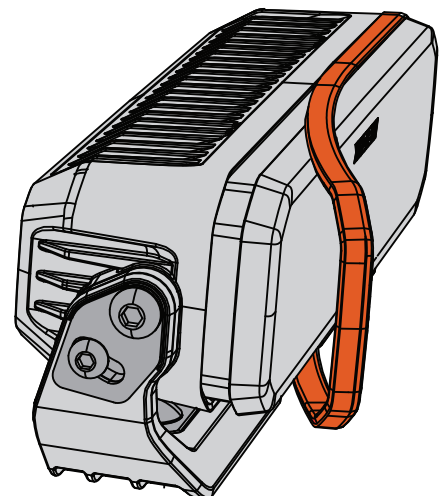
2. Lens Cover & Trim Ring



2.1 - Installing The Lens Cover

Step One: Start with either the top or bottom mounting tabs and hook them onto the light bar, reaching passed the colored trim ring.

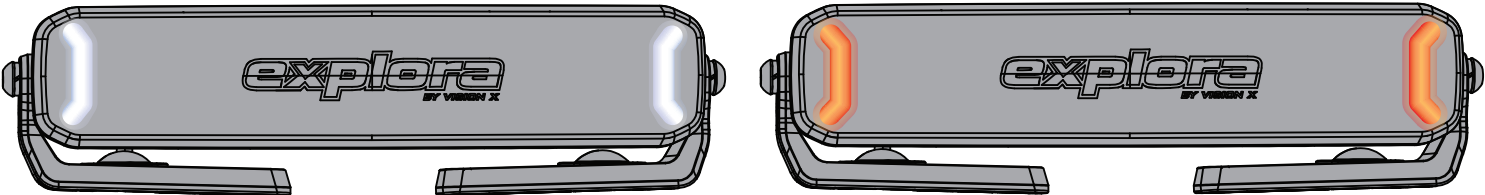
Step Two: Rotate the other tabs over the center of the light bar face. These tabs will flex slightly and snap securely into place.



2.2 - Swapping The Trim Ring

Step One: Pick an edge and peel off the currently installed silicone trim ring. Pry the band forward to release it from the channel surrounding the light housing.

Step Two: With the new trim color of your choosing, reinstall the band. The flat face of the trim ring will sit against the light housing and the chamfered edge will face out towards the lens.



3.1 - Position Light Overview

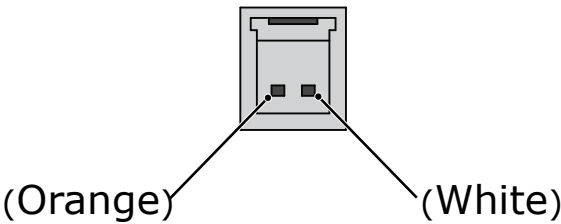
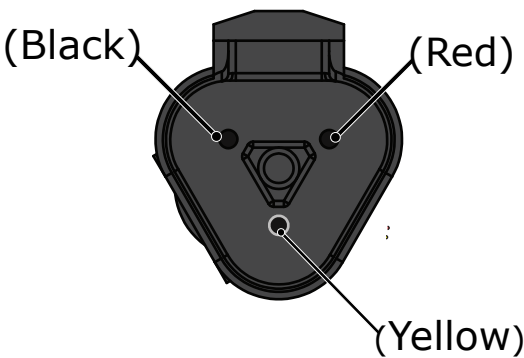
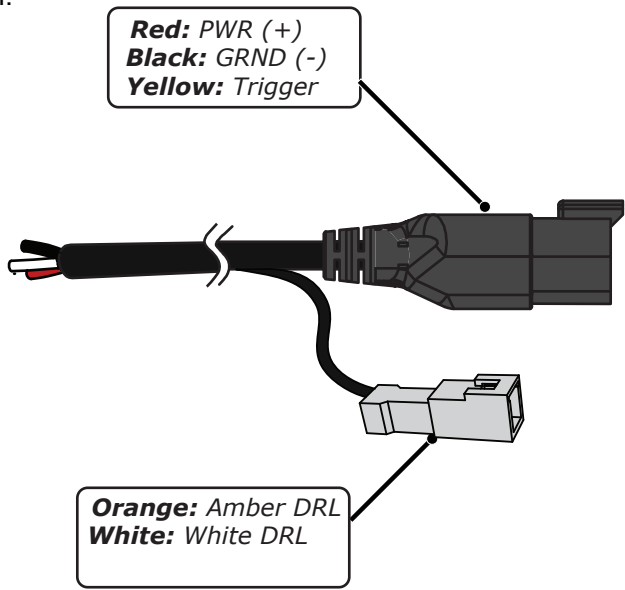
Note: In addition to the main driving light function, the Explora series has two colors of position lights built in (white & Amber).
Step1: Choose either the white or amber color position light (white or orange wire) and connect it to a constant power source, ie. the vehicles DRL circuit.

3.2 - Switchback Functionality

Note: The position lights have switchback turn signal functionality and can be wired to flash with the vehicles turn signal. The orange circuit will take priority over the white circuit while turn is active and switch back to white when turn is canceled.
Step1: Connect the white circuit to a constant power source like the vehicles DRL.
Step2: Connect the orange circuit to the vehicles turn signal.

4. Light Connector Pin out

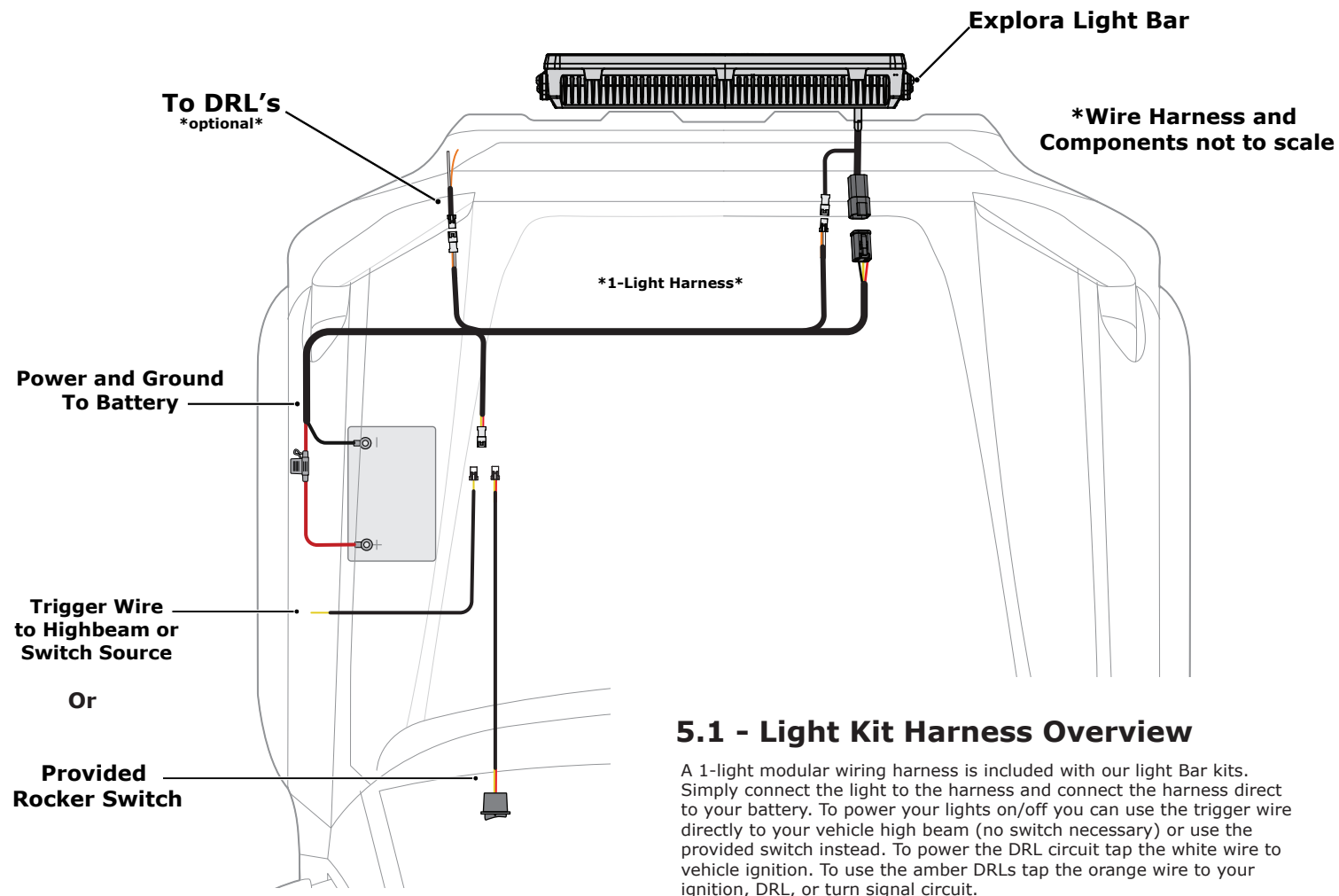
Wire Function:



4.1 - Wire Harness Pinout

Note: The table above shows the wire color and associated function tied to it as well as the pin location within the plug at the end of the Lights harness.

5. Wiring Diagram



6. Technical Specifications

Specification	10" Single-Row	10" Double-Row	20" Single-Row	20" Double-Row	30" Single-Row	30" Double-Row
Part Number:	EX-LB8S	EX-LB2.8S	EX-LB18S	EX-LB2.18S	EX-LB28S	EX-LB2.28S
LED / Color Temp:	(8) 5W / 5700°K	(16) 5W / 5700°K	(18) 5W / 5700°K	(36) 6W / 5700°K	(28) 5W / 5700°K	(56) 5W / 5700°K
Watts / Amps:	40W / 2.33A	80W / 6.67A	90W / 7.5A	180W / 15A	140W / 11.67A	280W / 23.33A
Lumens:	2700lm	5400lm	6120lm	12240lm	9500lm	16800lm
Beam Pattern:	Hybrid Beam	Hybrid Beam	Hybrid Beam	Hybrid Beam	Hybrid Beam	Hybrid Beam
Operating Temp:	-40°C ~ 60°C	-40°C ~ 80°C	-40°C ~ 60°C	-40°C ~ 80°C	-40°C ~ 60°C	-40°C ~ 60°C
IP Rating:	IP68/IP69K	IP68/IP69K	IP68/IP69K	IP68/IP69K	IP68/IP69K	IP68/IP69K
Vibration Rating:	ISO 16750-3	ISO 16750-3	ISO 16750-3	ISO 16750-3	ISO 16750-3	ISO 16750-3
Warranty:	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime