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> [SYLVANIA Rugged 4 Inch Cube LED Light Pod Instruction Manual](#)

SYLVANIA 34054

SYLVANIA Rugged 4 Inch Cube LED Light Pod Instruction Manual

Model: 34054

1. PRODUCT OVERVIEW

The SYLVANIA Rugged 4 Inch Cube LED Light Pod is designed for enhanced visibility in off-road and demanding environments. It features a durable construction and a wide flood beam pattern, suitable for various vehicle applications.



SYLVANIA
OFF ROAD



**INCLUDED MOUNTING
HARDWARE**

Wiring harness required
(sold separately)

Figure 1: SYLVANIA Rugged 4 Inch Cube LED Light Pod.

This LED light pod provides intense 6000K light with 2100 raw lumens. Its wide flood beam is optimized for lower speed applications where increased side road visibility is beneficial. The robust aluminum body ensures optimal heat dissipation and corrosion resistance, while the impact-resistant polycarbonate lens offers durability. It is IP69K rated, providing waterproof protection up to 3 feet for 30 minutes.

2. INCLUDED COMPONENTS

The product package includes the following items:

- 1 x LED Pod Light (4-inch cube)
- 1 x Universal Mounting Bracket (stainless steel)
- Mounting Hardware (bolts, nuts, washers)

Note: A wiring harness kit (Part number LBARHRNS1PBX) is sold separately and is recommended for a professional installation.

**BUILT FOR ANY
ADVENTURE**



Figure 2: LED Pod Light and included mounting hardware.

3. INSTALLATION INSTRUCTIONS

This LED light pod is designed for easy installation on a wide range of vehicles, including trucks, cars, boats, SUVs, UTVs, ATVs, snowmobiles, motorcycles, dirt bikes, and 4x4 vehicles. For optimal results, consider using a SYLVANIA wiring harness kit (sold separately).

3.1 Mounting the Light Pod

1. **Select Mounting Location:** Choose a suitable location on your vehicle for the light pod. Ensure the location provides clear light projection and does not obstruct other vehicle functions or lights.
2. **Position Bracket:** Attach the universal stainless steel mounting bracket to the light pod using the provided hardware. Do not fully tighten yet.
3. **Secure to Vehicle:** Position the light pod with the attached bracket onto the desired mounting surface on your vehicle. Mark the drilling points if necessary.
4. **Drill Holes (if required):** If mounting to a surface without existing holes, carefully drill pilot holes appropriate for the mounting hardware.
5. **Fasten Securely:** Use the provided bolts, nuts, and washers to securely fasten the light pod to the vehicle. Ensure all connections are tight to prevent vibration and movement.
6. **Adjust Angle:** Adjust the angle of the light pod to achieve the desired beam direction. Once set, fully

tighten all mounting hardware.

DIY INSTALLATION

UNIVERSAL BRACKETS

Mount your SYLVANIA light bar or pods with easy installation, on any vehicle using the provided universal brackets.

INCLUDED MOUNTING HARDWARE*

* HARDWARE VARIES BY PRODUCT

Figure 3: Example of universal mounting brackets for SYLVANIA lights.

3.2 Wiring the Light Pod

For wiring, it is highly recommended to use a dedicated wiring harness (sold separately) to ensure proper power delivery and protection. If not using a harness, ensure appropriate gauge wiring, fuses, and relays are used to prevent electrical issues.

1. **Disconnect Power:** Before starting any wiring, disconnect the vehicle's battery to prevent electrical shorts.
2. **Connect Wiring:** Connect the positive wire from the light pod to the positive terminal of your power source (e.g., battery via a relay and fuse). Connect the negative wire to a suitable ground point on the vehicle chassis.
3. **Install Switch:** If using a switch, integrate it into the positive power line according to the switch manufacturer's instructions.
4. **Secure Wiring:** Route all wiring safely, away from moving parts, hot surfaces, and sharp edges. Use zip ties or cable clamps to secure the wiring.
5. **Reconnect Power:** Once all wiring is complete and secured, reconnect the vehicle's battery.
6. **Test Functionality:** Turn on the light pod to ensure it functions correctly.

DIY INSTALLATION

WIRING HARNESSSES

Connect your SYLVANIA light bar or pods with easy installation, on any vehicle.

* WIRING HARNESS REQUIRED FOR INSTALL. ITEMS SOLD SEPARATELY.

Figure 4: SYLVANIA wiring harnesses (sold separately) for easy installation.

4. OPERATION

The SYLVANIA Rugged 4 Inch Cube LED Light Pod is designed for straightforward operation.

1. **Power On/Off:** Activate the light pod using the installed switch.
2. **Beam Pattern:** The light pod features a super wide flood beam, providing broad illumination for increased side road visibility. This is particularly useful in low-speed off-road applications.

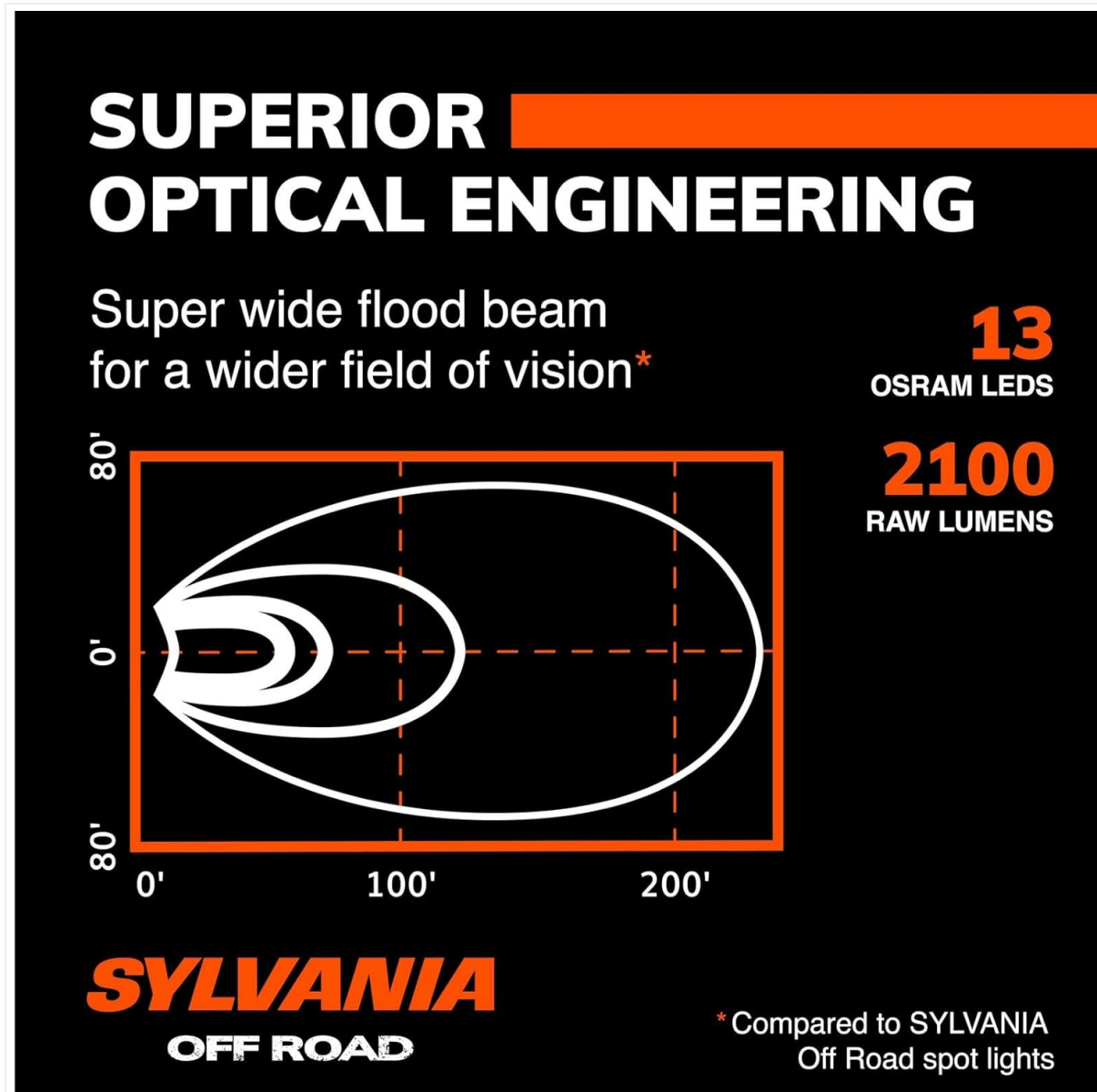


Figure 5: Super wide flood beam pattern for the 4-inch cube LED light pod.

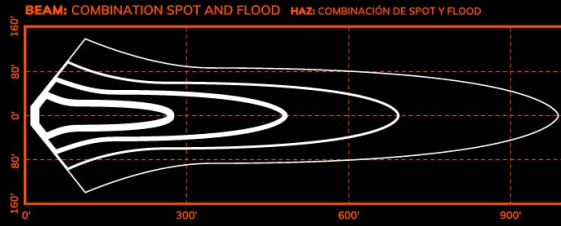
4.1 Applications

This light pod is suitable for a variety of applications where robust, wide-angle illumination is needed:

- Trucks, SUVs, CUVs
- ATVs, UTVs
- Heavy Duty Equipment
- Marine Vessels

COMBO BEAM PATTERNS

Our combination spot & flood beam offer a wide field of vision and more light farther down the trail.*



* COMPARED TO SYLVANIA OFF ROAD FLOOD LIGHTS

Figure 6: Examples of vehicles compatible with SYLVANIA off-road lights.

5. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	34054
Dimensions (L x W x H)	4.46" x 4.46" x 4.46"
Light Source Type	LED (OSRAM LEDs)
Light Output	2100 Raw Lumens
Color Temperature	6000 Kelvin
Voltage	12 Volts (DC)
Wattage	9 Watts
Amperage	0.75 Amps
Material	Aluminum, Polycarbonate (PC), Stainless Steel
Finish Type	Powder Coated
Waterproof Rating	IP69K (up to 3 feet for 30 minutes)
Item Weight	15.8 ounces

DESIGNED TO PERFORM

INCLUDED IN THE BOX:

1 – 4" LED Light Pod
1 – Universal mounting
bracket
Mounting hardware

Wiring harness required
(sold separately)

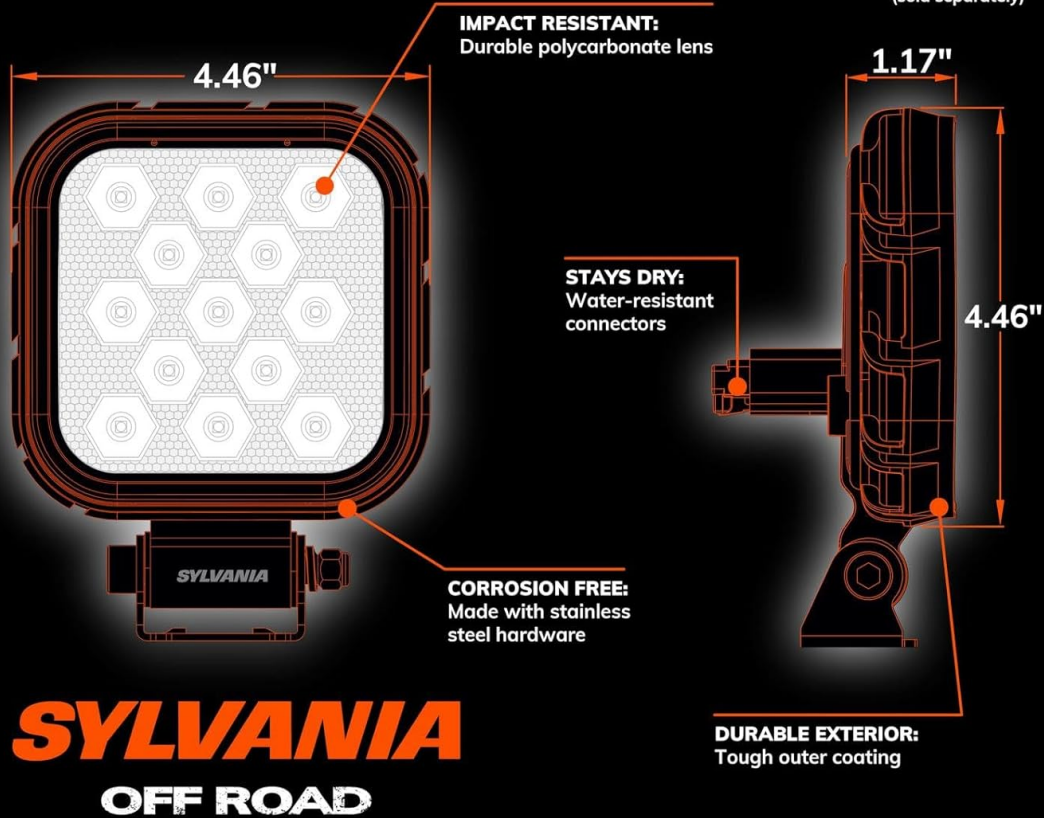


Figure 7: Product dimensions and key features.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SYLVANIA LED Light Pod.

- **Cleaning:** Clean the lens and housing periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the polycarbonate lens or powder coating.
- **Inspection:** Regularly inspect the mounting hardware for tightness. Vibrations from vehicle operation can loosen bolts over time.
- **Wiring Check:** Periodically check the wiring for any signs of wear, fraying, or corrosion. Ensure all connections remain secure and waterproof.
- **Damage Assessment:** If the light pod sustains impact, inspect the housing and lens for cracks or damage that could compromise its waterproof integrity.

7. TROUBLESHOOTING

If you encounter issues with your LED light pod, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on	No power, loose connection, blown fuse, faulty switch.	Check power supply, inspect all wiring connections, replace fuse if blown, test switch functionality.
Light flickers or is dim	Insufficient power, loose connection, corroded terminals.	Verify proper voltage, tighten connections, clean any corroded terminals.
Moisture inside the lens	Compromised seal due to damage or improper installation.	Inspect for cracks or damage to the housing/lens. Ensure mounting points are sealed. Contact support if damage is present.
Mounting bracket becomes loose	Vibration from vehicle operation.	Re-tighten all mounting bolts and nuts. Consider using thread-locking compound for added security.

8. WARRANTY INFORMATION

SYLVANIA Off-Road LED light pods are backed by a Lifetime Limited Warranty. For detailed terms and conditions, please refer to the packaging or visit the official SYLVANIA website.

Your browser does not support the video tag.

Video 1: Overview of SYLVANIA Off-Road Products, highlighting features and applications.

Your browser does not support the video tag.

Video 2: Detailed look at SYLVANIA Rugged Off-Road Products, showcasing their robust design.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please contact SYLVANIA customer service. Refer to the product packaging or the official SYLVANIA website for contact information.

You can also visit the [SYLVANIA Store on Amazon](#) for more product information and accessories.