Grote 5-7 Sealed Beam Replacement LED Headlamp
Product Information Sheet

PRODUCT SPECIFICATIONS
MATERIALS
- Weight: 2.5 lbs
- Housing Material: Die Cast Aluminum, Black Powder Coated Finish
- Lens Material: Polycarbonate, Hard Coated UV resistant finish
- Heat Management: Natural Convection, Heat Fins
- Mounting Options: Fixed mounting via mounting pads

ELECTRONIC CHARACTERISTICS
- Connector type: Automotive H4
- Input Voltage: 9V-32V
- Power Draw (12V): Low Beam, 21W. High Beam, 33W

OPTICS
- Light Output (Instant On Lumens | Effective Lumens): Low Beam (374 | 361). High Beam (968 | 886)
- Lamp Efficacy (Effective lumens/Watt): Low Beam, 17 Lm/W. High Beam 27 Lm/W
- Optical Package: Metalized Reflector, Clear Lens

RATINGS AND COMPLIANCES
- FMVSS 108 Head Lamps: 2B1
- Complies with SAE specs: S6.5.3 Markings, S14.4.1 Color, S14.6.1 Abrasion, S14.6.2 Chemical resistance, S14.6.3 Corrosion, S14.6.4 Connector Corrosion, S14.6.5 Dust, S14.6.6.3 Temperature Cycle, S14.6.6.4 Internal Heat, S14.6.7 Humidity, S14.6.8 Vibration, S14.6.15 Head lamp connector

BULB INTERCHANGE
- 6052, 6053, H6054, HP6054

Use Grote LED headlamps to replace those tired, dim halogen lamps

- DOT approved, 2B1 2-Lamp headlamp system is legal for all 5”x7” (146mm) systems.
- LED headlights have color temperature most like natural sunlight. They improve the driving experience for drivers by decreasing eye fatigue and providing better detail, thus decreasing chances for accidents.
- Headlight uses a hard coated, UV protected, high impact resistant polycarbonate lens that resists cracking and yellowing.
- 9v-32v allows this lamp to be used on 12v and 24v electrical systems.
- Utilizes 3 pin, H4 connector.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connector</th>
<th>Operating Voltage (V)</th>
<th>Amperage (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>90951-5</td>
<td>AUTOMOTIVE H4</td>
<td>12V</td>
<td>LOW 1.59 A, HIGH 2.54 A</td>
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</tbody>
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HIGH BEAM COMPARISON

1390+ Ft | 425+ M

130+ Ft
40+ M

Grote 5-7 LED High Beam

525+ Ft | 160+ M

112+ Ft
35+ M

H6054 Halogen High Beam

LOW BEAM COMPARISON

700+ Ft | 215+ M

130+ Ft
40+ M

Grote 5-7 LED Low Beam

700+ Ft | 215+ M

80+ Ft
25+ M

H6054 Halogen Low Beam