

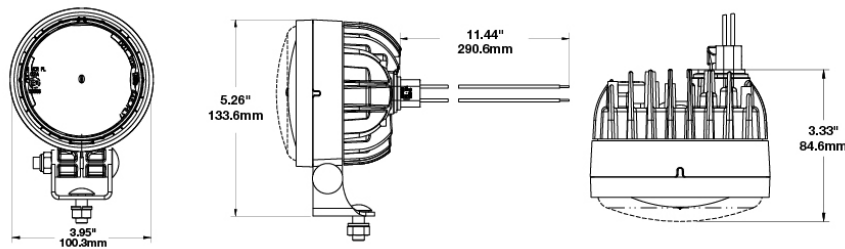
# Bi-LED Headlight - Model 97

## PRODUCT INFORMATION

|                                      |   |
|--------------------------------------|---|
| <b>Description</b>                   | 12-24V DOT/ECE Reg 113 High & Low Beam Headlights - 2 Light Kit |
| <b>Height</b>                        | 134.00 mm / 5.28 in   |
| <b>Width</b>                         | 100.00 mm / 3.94 in   |
| <b>Depth</b>                         | 85.00 mm / 3.35 in  |
| <b>Shape</b>                         | Round   |
| <b>Outer Lens Material</b>           | Polycarbonate   |
| <b>Outer Lens Color</b>              | Clear   |
| <b>Housing Material</b>              | Aluminum  |
| <b>Housing Color</b>                 | Black   |
| <b>Bezel Color</b>                   | Black   |
| <b>Mounting Hardware Description</b> | U-Bracket   |
| <b>Mounting Type</b>                 | Pedestal  |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F   |
| <b>Maximum Operating Temperature</b> | 65 °C / 149 °F  |
| <b>Connector or Wiring</b>           | Deutsch DT04-4P   |
| <b>Mating Connector</b>              | Deutsch DT06-4S   |



## PRODUCT DIMENSIONS



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# Bi-LED Headlight - Model 97

## ELECTRICAL SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| <b>Input Voltage</b>              | 12-24V DC   |
| <b>Operating Voltage</b>          | 10-32V DC   |
| <b>Transient Spike Protection</b> | 150V Peak @ 1 HZ-100 Pulses   |
| <b>Black Wire</b>                 | Ground  |
| <b>Yellow Wire</b>                | Low Beam  |
| <b>White Wire</b>                 | High Beam   |
| <b>Red Wire</b>                   | Front Position  |
| <b>Current Draw</b>               | 1.5A @ 12V DC (Low Beam)<br>1.8A @ 12V DC (High Beam)<br>0.1A @ 12V DC (Front Position)<br>0.8A @ 24V DC (Low Beam)<br>1.0A @ 24V DC (High Beam)<br>0.06A @ 24V DC (Front Position) |

## REGULATORY STANDARDS COMPLIANCE



|                       |  |
|-----------------------|--|
| Buy America Standards | ECE Reg 10   |
| ECE Reg 113           | ECE Reg 50   |
| Eco Friendly          | FMVSS 108 Table XX                                 |
| IEC IP69K             | Tested to ECE Reg. 10<br>(Radiated Emissions only) |

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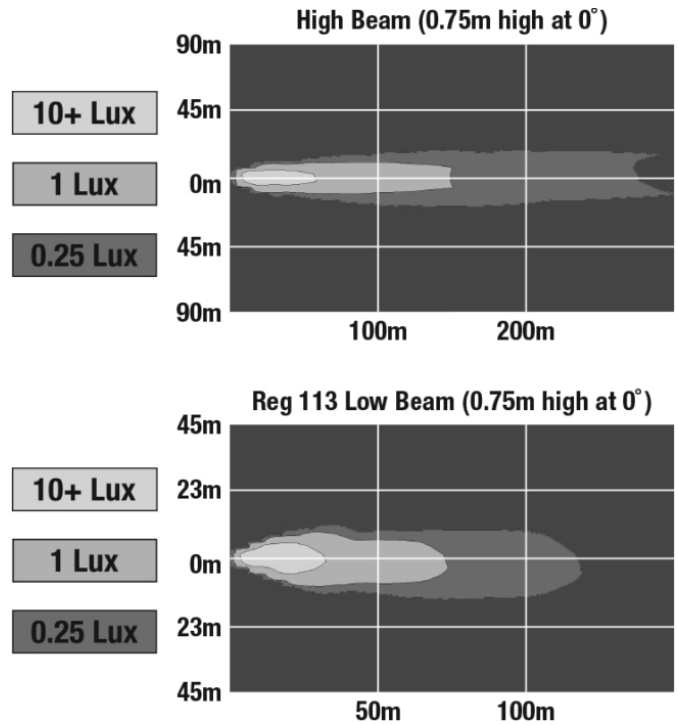
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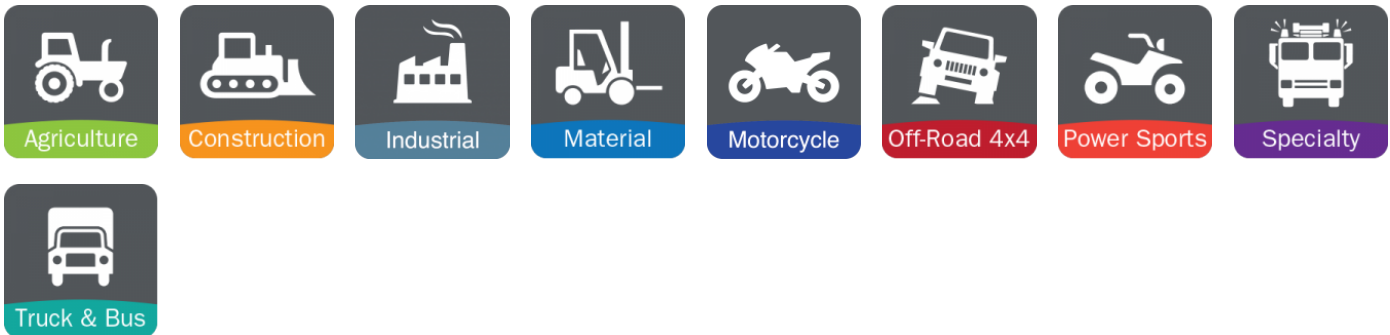
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 1800 (High Beam); 1,600 (Low Beam)  |
| <b>Effective Lumen Output</b>        | 497 (High Beam); 321 (Low Beam)   |
| <b>Candela Output</b>                | 41,800 (High Beam); 14,600 (Low Beam)   |
| <b>Nominal LED Color Temperature</b> | 5000 K  |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT/ECE)<br>Signalization - Front Position |



## APPLICATIONS



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## RELATED PRODUCTS

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**Part Number**

**0554921**

12-24V DOT/ECE Reg  
113 High & Low Beam  
Headlight

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