

# LED Headlights - Model 8730 Shallow 7" Round

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Description</b>         | LED Headlight - Heated Model 8730<br>Shallow 7" Round, Chrome (Pair) |
| <b>Height</b>              | 176.50 mm / 6.95 in  |
| <b>Width</b>               | 176.50 mm / 6.95 in  |
| <b>Depth</b>               | 75.00 mm / 2.95 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>         | Chrome   |
| <b>Retrofits</b>           | 2D1 "PAR56" or 7" round headlights                                   |
| <b>Connector or Wiring</b> | H4   |
| <b>Mating Connector</b>    | H4 AMP#172615-2  |
| <b>Product Weight</b>      | 3.67 lbs / 1.66 kgs  |
| <b>Shipping Weight</b>     | 5.40 lbs / 2.45 kgs  |



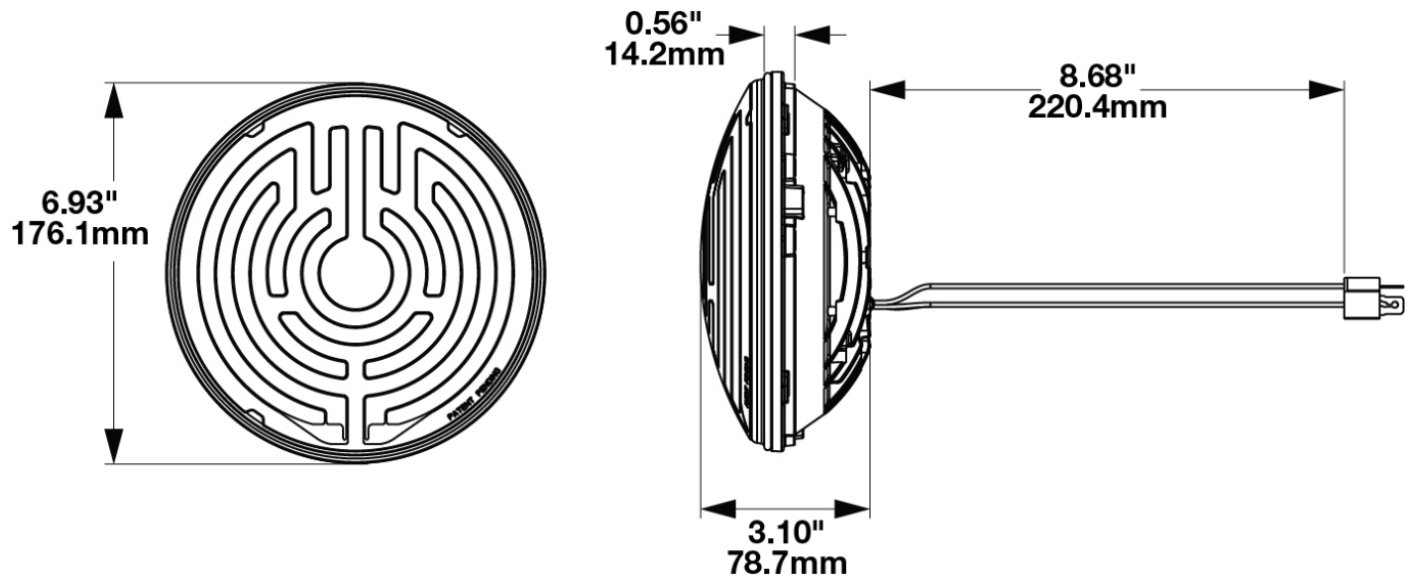
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**J.W. SPEAKER**  
Engineered. Lighting. Solutions.

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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| <b>Input Voltage</b>              | 12-24V DC   |
| <b>Operating Voltage</b>          | 9-30V 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>Current Draw</b>               | 2.25A @ 12V DC (Low Beam)<br>2.75A @ 12V DC (High Beam)<br>1.00A @ 24V DC (Low Beam)<br>1.25A @ 24V DC (High Beam)<br>5.25A @ 12V DC (Low Beam w/Heat)<br>5.75A @ 12V DC (High Beam w/Heat)<br>2.5A @ 24V DC (Low Beam w/Heat)<br>2.75A @ 24V DC (High Beam w/Heat) |

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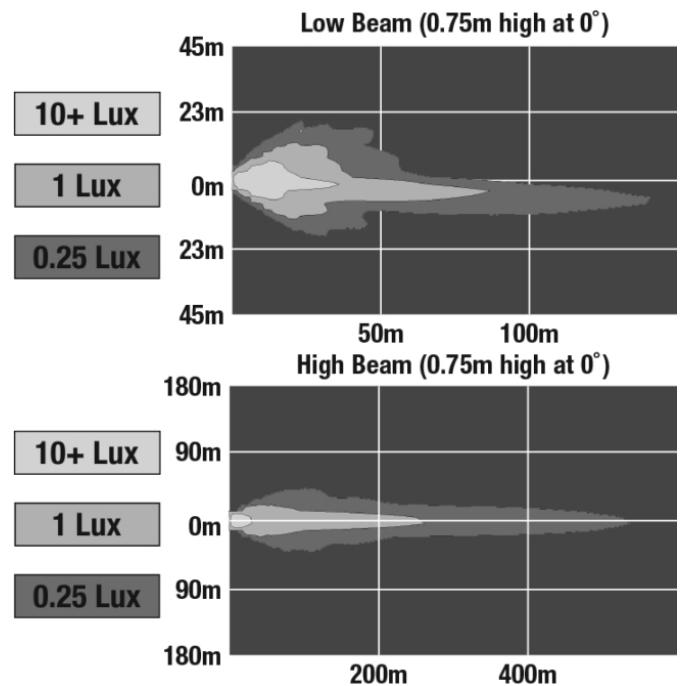
## REGULATORY STANDARDS COMPLIANCE



FMVSS 108 s10.1 (Table XIX)    FMVSS 108 s10.1 (Table XVIII)  
 IEC IP69K    SAE J1113-13  
 SAE J1113-21    SAE J1113-4  
 Tested to ECE Reg. 10  
 (Radiated Emissions only)

## PHOTOMETRIC SPECIFICATIONS

**Raw Lumen Output** 3547 (High Beam); 2,800 (Low Beam)  
**Effective Lumen Output** 1400 (High Beam); 925 (Low Beam)  
**Candela Output** 62,100 (High Beam); 20,500 (Low Beam)  
**Nominal LED Color Temperature** 5000 K  
**Beam Pattern(s)** Forward Lighting - High Beam (DOT)  
 Forward Lighting - Low Beam (DOT)



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## APPLICATIONS

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## PRODUCT WARNINGS

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For California residents:

⚠ **WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## ACCESSORIES

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### **Part Number**

**8200791**

Thomas Built Bus  
7inch Headlight  
Mounting Kit

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## RELATED PRODUCTS

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**Part Number**  
**0555883**  
LED Headlight -  
Heated Model 8730  
Shallow 7" Round,  
Black (Pair)



**Part Number**  
**0557423**  
LED Headlight - Model  
8730 Shallow 7"  
Round, Black (Pair)



**Part Number**  
**0557493**  
LED Headlight - Model  
8730 Shallow 7"  
Round, Chrome (Pair)