

# LED REPLACEMENT BULBS





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#### **1895 Specifications**

SMD LED

.39" x .98" **DIMENSIONS** 9 - 18 VDC

**VOLT RANGE** 57mA

AMP DRAW 195 LUMEN

51,53,1816, 1895 & Others SAE REPLACEMENT

Ba9s BASE

#### **1895 Specifications**

SMD LED

.39" x .98" **DIMENSION** 9 - 18 VDC **VOLT RANGE** 57mA AMP DRAW

195 LUMEN

51,53,1816, 1895 & Others SAE REPLACEMENT

BASE Ba9s

#### **194 Specifications**

SMD LED

.39" x .98" DIMENSION **VOLT RANGE** 9 - 18 VDC

57mA AMP DRAW

195 **LUMEN** 

158, 168, 194, 12961 & Others SAE REPLACEMENT

T10 **BASE** 

#### **194 Specifications**

SMD LED

.39" x .98" **DIMENSION** 9 - 18 VDC **VOLT RANGE** 

57mA AMP DRAW

195 LUMEN

158, 168, 194, 12961 & Others SAE REPLACEMENT

T10 BASE

#### HD189501W



1 LED White

#### HD189501A









HD189501R



#### HD189501P





#### HD189501B



1 LED







HD194001W





#### HD194001A

Blue



Amber

HD194001R





#### HD194001P



1 LED

#### HD194001B



1 LED Blue

HD194001G





#### 194 Specifications

SMD LED .48" x 1.17" DIMENSION 9 - 18 VDC **VOLT RANGE** 

20mA AMP DRAW 200 LUMEN

158, 168, 194, 12961 & Others SAE REPLACEMENT

T10 BASE



# HD194013W



13 LED

#### HD194013A



Amber

#### HD194013R



#### 194 Specifications

SMD LED

.48" x 1.17" DIMENSION 9 - 18 VDC **VOLT RANGE** 20mA AMP DRAW

200 LUMEN

158, 168, 194, 12961 & Others SAE REPLACEMENT

BASE T10





13 LED Purple

HD194013B



HD194013G



13 LED Green

#### 921 Specifications

SMD LED

**DIMENSION** 9 - 18 VDC **VOLT RANGE** 

40mA AMP DRAW 450 LUMEN

912, 921 SAE REPLACEMENT BASE T15

.61" x 1.46"

HD921018W



18 LED White

HD921018A



Amber

HD921018R



18 LED Red

#### 921 Specifications

SMD LED .61" x 1.46"

**DIMENSION** 9 - 18 VDC **VOLT RANGE** 

AMP DRAW 40mA 450 LUMEN

SAE REPLACEMENT **BASE** 

912, 921 T15

#### HD921018P



#### HD921018B



Blue

#### HD921018G



Green



#### 1156 | 1157 | 3156 | 3157



#### 1156 Specifications

SMD LED

**DIMENSIONS** .71" x .1.77" 9 - 18 VDC **VOLT RANGE** 

40mA AMP DRAW 625 LUMEN

67, 89, 1003, 1156 & Others SAE REPLACEMENT

Single Contact | One Function BASE

24.5MM

99

**23 LED** White

HD115623W

HD115623A

HD115623R



23 LED Amber



#### 1157 Specifications

SMD LED

.71" x .1.76" **DIMENSIONS** 9 - 18 VDC **VOLT RANGE** 

40mA High | 20mA Low AMP DRAW

625 LUMEN

SAE REPLACEMENT 68, 90, 94, 1057, 2057 & Others Two Contact | Two Function BASE

HD115723W

**23 LED** White

HD115723A

HD115723R



23 LED Amber



**23 LED** Red

#### 3156 Specifications

SMD **LED** 

.79" x .1.93" **DIMENSIONS VOLT RANGE** 9 - 18 VDC

40mA AMP DRAW 625 LUMEN

3056, 3156, 3356, 3456, & Others SAE REPLACEMENT **BASE** Single Contact | One Function

#### HD315623W



**23 LED** White

#### HD315623A



HD315723A

#### 3157 Specifications

SMD LED

.79" x .1.93" **DIMENSIONS** 9 - 18 VDC **VOLT RANGE** 

AMP DRAW 40mA High | 20mA Low

625 **LUMEN** 

3157, 3457, 4057, 4157, & Others SAE REPLACEMENT BASE Two Contact | Two Function

HD315723W



23 LED White

HD315723R







Amber

### 7440 | 7443 FOG Series

HD744023W

HD744023A













#### 7440 Specifications

**LED** SMD

**DIMENSIONS** .78" x .1.86"

**VOLT RANGE** 9 - 18 VDC

AMP DRAW 40mA LUMEN 625

SAE REPLACEMENT 7440, 7740 & Others

BASE Single Contact | One Function





HD21FOG-9005Y Amber | 21 LED

## HD21F0G-H11 White | 21 LED



HD21FOG-H11Y Amber | 21 LED

#### HD744323W





#### HD744323A





#### HD744323R





#### 9005 | H11 Product Specifications

**LED:** 2835 SMD

**LUMEN:** 780

COLOR: White | Amber

**VOLT RANGE:** 12 - 24 VDC

COLOR TEMP: 6500K

#### 7443 Specifications

**LED** SMD

 DIMENSIONS
 .78" x .1.86"

 VOLT RANGE
 9 - 18 VDC

AMP DRAW 40mA High | 20mA Low

LUMEN 625

SAE REPLACEMENT 743,7443ST, & Others

BASE Two Contact | Two Function

22.7MM

#### **Dimensions**





HD21FOG-9005 HD21FOG-H





HD12PRO-H4 Two Function | High/Low Beam



HD06PRO-H7 Single Function



HD06PRO-9005 Single Function



HD06PRO-9006 Single Function



HD06PRO-H11 Single Function



HD12PRO-H13 Two Function | High/Low Beam



HD12PRO-9007 Two Function | High/Low Beam

#### **Product Specifications**

4220 SMD Chip Set LED:

6500K COLOR TEMP:

-40°F - +127°F **OPERATING TEMP:** 

9-32 VDC **VOLT RANGE:** 

65 IP!

6,000 per Pair LUMEN: **OPERATING LIFE:** 30.000 Hours

#### **Pro Series**

HDL's new "Pro Series" replacement bulbs were developed to closely replicate the size, fit and function of a vehicles factory halogen bulbs. This makes retrofitting and upgrading your vehicle to LED bulbs simple.

These bulbs have been engineered with advanced integrated electronic circuits for focused stable light output. Plus, our "Pro Series" design features a copper heat transfer core and excellent aluminum alloy heat sink body for supreme heat dissipation. Brighter, lower power consumption and longer lasting than halogen bulbs. All great reasons to upgrade now!

#### **Dimensions**



HD12PR0-H4

HD06PR0-H7 HD06PR0-H11



HD12PR0-H13







HD06PR0-9006

HD12PR0-9007





HD04RZR-H4 Two Function | High/Low Beam



HD02RZR-H7 Single Function



HD02RZR-9005 Single Function



HD02RZR-9006 Single Function



HD02RZR-H11 Single Function



HD04RZR-H13 Two Function | High/Low Beam



HD04RZR-9007 Two Function | High/Low Beam

**Razor Series | Upgrade with Confidence!** 

#### **Product Specifications**

LED: SMD 8 Core Chip

COLOR TEMP: 6500K

**OPERATING TEMP:** -40°F - +127°F

**VOLT RANGE:** 9-18 VDC

IP: 65

LUMEN: 6600 per Pair **OPERATING LIFE:** 30.000 Hours

HDL's new "Razor Series" replacement bulbs are designed to fit and function in place of most factory halogen bulbs. Replace or retrofit older, dimmer, and more prone to premature heat caused failure bulbs for truly better performance. Bulbs are designed using our new razor thin blade design with

#### chips set on a newly designed narrow PCB tower to help eliminate any shadows or dead spots experienced with some replacement bulb designs, giving you a 360 degree light output. Thin design helps ease installs in tighter clearance applications. Plus, our "Razor Series" models feature a copper core heat transfer that terminates to a whisper quiet hydraulically cooled fan for excellent heat control. Super bright, low power consumption and longer lasting than halogen bulbs.

#### **Additional Images & Dimensions**











HD04RZR-H13





HD02RZR-9005 HD02RZR-9006

HD04RZR-9007

HD04RZRA-H4

HD02RZR-H7

HD02RZR-H11







HD04ULTRA-H4

Two Function | High/Low Beam



HD02ULTRA-H7

Single Function



**HD02ULTRA-9006** 

Single Function



**HD04ULTRA-9007** 

Two Function | High/Low Beam



HD02ULTRA-H11 Single Function



**HD02ULTRA-9005** 

Single Function

### **Product Specifications**

G-XP SMD Chip Set LED:

COLOR TEMP: 6000K

**OPERATING TEMP:** -40°F - +127°F

**VOLT RANGE:** 9-32 VDC

IP! 65

LUMEN: 10,000 per Pair **OPERATING LIFE:** 30,000 Hours

#### **Ultra Series**

HDL Ultra Series replacement CANBUS LED bulbs are designed to function appropriately in modern vehicle CANBUS systems and are a common upgrade to stock halogen bulbs. This makes retrofitting and upgrading your vehicle to LED bulbs simple. Designed with a ball-bearing, fan cooled system, these bulbs produce a very high lumen output. These bulbs work with your vehicle's advanced computer system, so when your vehicle's computer reads them, they respond back correctly.

A CANBUS control unit is a small cable and adapter system, which is installed in between the wiring of your vehicle and the LED bulb. Because LED car bulbs use a lower wattage than other bulbs, the CANBUS canceller helps to increase the current safely and without damaging the bulb.

In most cases use of CANBUS LED bulbs should prevent a "bulb out" indication warning light or code. The CANBUS bulb system is also designed to be robust towards electronic disturbances and electromagnetic interference known to cause radio feedback.

## **Additional Images & Dimensions**



HD04ULTRA-H4 HD02ULTRA-H7

HD02ULTRA-H11

HD02ULTRA-9005



HD02ULTRA-9006

HD04ULTRA-9007



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