

Pretoria - Tech Talk # 6

Date: 12/28/2009

Topic: Replacement bulbs for Pretoria Reading and Farebox Light Fixtures

Pretoria Transit Interiors has issued this Tech Talk to keep our customers informed on issues pertaining to the passenger interior light systems.

Pretoria supplies dual reading light fixtures, farebox light fixtures and passenger convenience modules with integral dual reading fixtures. These fixtures can be ordered with bayonet style incandescent or bayonet style LED lamps.

It has come to our attention that replacement incandescent lamps are being installed into fixtures that are not compatible with the fixtures due to the lamps bulb height. The result of installing an improper incandescent lamp may lead to damage of the fixture due to the close proximity of the improper incandescent lamp and the fixtures interior.

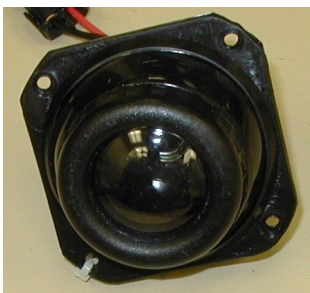
Dual Reading Fixture:



Single Swivel with Mounting Flange:



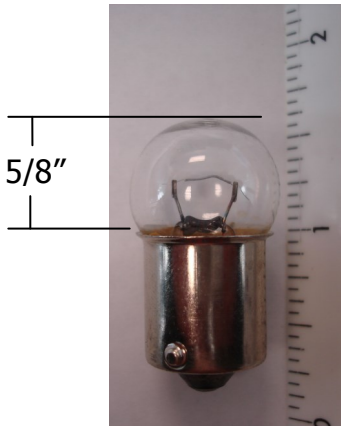
Single Swivel without Mounting Flange:



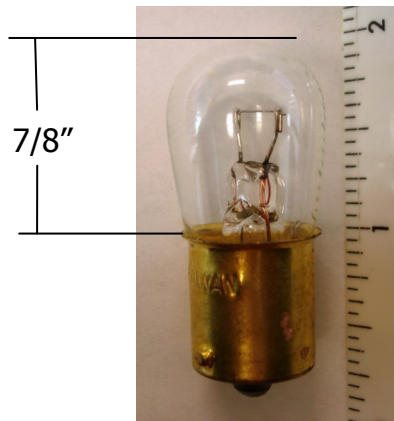
Passenger Convenience Module:



Correct Bulb Height
5/8" or Less



Incorrect Bulb Height
Greater than 5/8"



The bulb height of replacement incandescent lamps should not exceed 5/8". Bulb lengths greater than 5/8" may cause excessive heat buildup in the fixtures interior causing damage to the fixture as shown below.



Improper incandescent lamp.

Damage to the fixture due to installation of an improper incandescent lamp.

Bayonet style LED lamps as shown below can be used in the above mentioned fixtures even though they exceed 5/8". LED lamps generate less heat than incandescent lamps, offer a longer expected life and are brighter than incandescent lamps.



Bayonet Style LED Lamp
Side View



Bayonet Style LED Lamp
Top View

Pretoria can provide replacement lamps, please call for pricing:

- 24V Incandescent; Part # LIG-036-01
- 12V Incandescent; Part # LIG-035-01
- 24V LED; Part # LIG-021-01
- 12V LED; Part # LIG-009-01

For more information contact: