

Pretoria — Tech Talk # 9

Date: Revised 5/25/11

Topic: High Output Fluorescent Lamps

Pretoria Transit Interiors has issued this Tech Talk to keep our customers informed on our products.

Through input from the field, Pretoria Transit Interiors has learned that some versions of HO (high output) lamp tubes manufactured by Philips do not function properly during low voltage situations. Low voltage situations normally occur when the bus engine is not running. This issue has been investigated and we have found that the manufacturer has re-designed the end cap terminals of their HO lamps. The new end cap terminals have a higher resistance value than their previous design.



Old Terminal Design



New Terminal Design

The new design Philips High Output lamp tubes should energize and function properly when the bus engine is running and input voltage to the ballast is 28 volts or higher. We have tested other HO lamp tubes manufactured by Sylvania and GE and neither show signs of this low voltage cut off issue.

For more information contact: