

Conditions of Acceptability -

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

When installed in the end-use equipment, the following are among the considerations to be made:

1. The main isolation transformers (T1) employ R/C (OBJY2) Class 155(F) insulation system.
2. The units shall be installed and housed in compliance with the mounting, spacing, casualty, and segregation requirements of the ultimate application.
3. The suitability of the input and output leads shall be determined in each end use application. The primary leads are Style 1015, No. 18 AWG, rated VW-1, 600 V, 105°C, and the output leads are Style 1569, No. 18 AWG, rated VW-1, 300 V, 105°C or style 1015, 20 AWG, 300 V, 105°C. The dimming leads, when provided, are Style 1569, No. 22 AWG, rated VW-1, 300 V, 105°C.
4. The drivers are suitable for use in "DRY" and "DAMP" locations only.
5. The polymeric housing of each LED25W, LDC25W unit has not been evaluated as the ultimate enclosure. The flame class of polymeric enclosure of each LED25W, LDC25W unit is V-0. The suitability of the housing as the ultimate enclosure shall be determined in the end product.
6. The polymeric housing of each LED25W-HL unit has not been evaluated as the ultimate enclosure. The flame class of polymeric enclosure of each LED25W-HL unit is 5VA. The suitability of the housing as the ultimate enclosure shall be determined in the end product.
7. The case temperature at the location identified "Tc" as shown in Illustration- 1 should not exceed 90 C when the drivers are installed in the end-use application.
8. For Models LED25W-40-C0620, **LED25W-42-C0595** and LED25W-40, the output of the unit exceeds the CEC Class 2 limits and only complies with NEC Class 2 limits. When used in products intended for Canada, consideration of the output regarding suitable load connections shall be considered in the end product.

CONSTRUCTION DETAILS:

Product is constructed in accordance with the Section General and the description on the following pages:

MARKING: Each unit or the smallest shipping container shall be legibly and permanently marked with the following:

1. Company name, Trade name, Trademark, or UL file number.
2. Model Nomenclature.
3. **May be Marked "HL"**.

ILLUSTRATIONS:

The following illustrations are included in this Report.

ILL No.	Description
1	Driver case hotspot location
2	Primary Inductor (LH) construction details
3	Choke Coil (L1) construction details
4	Inductor (L2) construction details
5	Transformer (T1) construction details
6	Bill of materials and model differences
7	PWB Trace Layout

LED25W / LED25W-HL Hotspot Location

