

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

1. The LED drivers have been evaluated using an electronic or resistive load resulting in the rated output current.
2. All units utilize a Class F insulation system for the isolation transformer (T3). The maximum recorded temperature was 113.5°C on the transformer coil C when tested at an ambient of 55°C. The temperature on the enclosure shall not exceed 90°C at the Tc point.

For Model AC-74CD1.4ATSS, AC-91C1.6UV-QS, the maximum recorded temperatures were 106°C on the transformer coil, and 86°C on the Tc point when tested at an ambient of 40°C.

For Model AC-98CD2.45AQPV, AC-98CD2.45AQPV, AC-25CD1.25APUM, AC-25CD1.25APUN, the maximum recorded temperatures were 82.1°C on the transformer coil, and 49.9°C on the Tc point when tested at an ambient of 40°C.

For Model **AC130CD3.1AQBWA**, the maximum recorded temperatures were 81.9°C on the transformer coil when tested at an ambient of 40°C.

3. The products were tested while connected to a 20A branch circuit.
4. The Leakage current test was conducted.
5. The enclosure is required to be grounded in the end-use application.
6. Suitable for dry or damp locations.
9. The following models were evaluated per the Temperature Limited (Type TL) requirements per Supplement SB of UL8750 and the measured Tref max temperature associated with the measured Tc and Ta values are as follows:

| Model | Measured Tref Value (°C) | Tref max Value (°C) |
|---|--------------------------|---------------------|
| AC-98CD2.45AQPV AC98CD2.45AQPV AC-25CD1.25APUM AC-25CD1.25APUN | 49.9 | 90 |