

Bringing Efficiency to Light With the Design Lights Consortium

Many energy efficiency programs across the United States and Canada, like the SMECO Business Solutions Program, provide incentives for using lighting and controls certified by the Design Lights Consortium (DLC). The DLC is a nonprofit organization that partners with utilities, energy efficiency program members, manufacturers, lighting designers, and government entities to establish product quality specifications and standards.

With the minimum criteria listed in the Retrofit Lighting Technical Sheet, participating service providers can easily search the DLC's Qualified Products List (QPL) to find information about equipment that will qualify for program incentives. If you already know which product you prefer, you can enter the model number directly into the search tool to obtain product information.

The QPL can help you determine whether a given product will meet the needs of your project. The list includes the following types of product information:

- Manufacturer
- Model number
- Verified, tested wattage rating
- Light output
- Primary use category
- Correlated color temperature/color rendering index (CCT/CRI)

Reasons to Trust the DLC

The DLC sets the standard for products that qualify for our energy-efficient lighting programs. Specifically, the DLC ensures that:

- Test results are issued from an accredited laboratory.
- Savings calculations are accurate through tested wattage.
- Products are installed in the appropriate applications as specified by Primary Use categories.

Using the DLC for the Retrofit Lighting Program

The QPL can be one of the most effective tools to ensure that your application is processed efficiently. When you input information from the QPL into the Retrofit Lighting Worksheet, it decreases the likelihood that we'll flag the project application for errors. Here's what to do:

- Search **designlights.org** for the model number of the proposed product.
- Enter the model number from the QPL into the Retrofit Lighting Worksheet exactly how it appears on the DLC listing, including dashes, spaces, brackets, and other characters. Simply copying and pasting is the easiest way to avoid typos.
- Record the exact reported wattage, efficacy, and light output from the DLC listing into the appropriate fields on the Retrofit Lighting Worksheet. Do not round up. Be sure to use the information from the "Reported Data" tab instead of the "Tested Data" tab.

Sample DLC listing:

Model# ZY-T8-22W1200 BONT NORMAL (FROST 4500K)

Manufacturer: James Trading Company Limited
Brand: JAMES
Technical Requirements Version: 4.3
Date Qualified: 03/17/2017
Product ID: P2XH5QBW

Categorization

| | | |
|--|---------------------------------|----------------------------|
| Main: Linear Replacement Lamp | Classification: standard | View Notes |
| General Application: T8 Four-Foot | Is Parent Product: No | |
| Primary Use: 2-lamp External Drive Lamp-Style Retrofit Kits (UL Type C) | DLC Family Code: KKKZRD | |
| | Listing Status: Listed | |

Reported Data Zonal Lumens Spacing Criteria Product Features Version History Family Data

Light Output: 2484 lm
Wattage: 20.66 W
Efficacy: 120.23 lm/W
Power Factor: 0.9
CCT: 4500 K
CRI: 82
Total Harmonic Distortion: 20 %



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