

Commercial Programs

LED Document File Guidelines

LED Document Overview

Oncor energy efficiency programs encourage and incent the use of certain LED products that appear in the Qualified Product List (QPL) of organizations listed in the most recent edition of the Texas Technical Reference Manual (TRM). It is the responsibility of the Service Provider to ensure that the LED products used for projects are approved for use and qualify for an incentive. Additional lighting measure requirements are provided below:

- Linear replacement lamps (Tube LEDs) do not qualify for an incentive.
- LEDs must be used in the application for which they were tested/approved (e.g., indoor vs. outdoor).
- The model number on the LED fixture nameplate must match the model number shown in the LED approval sheet and in the E-File.
- If the LED fixture nameplate is missing or the label has a missing model number, the LED product will not qualify for an incentive. If the model number is abbreviated, other documentation will be required and the LED product may or may not qualify for an incentive.
- More information can be found in the Measure Guidelines.

LED Document File Content

- Consolidate all LED documentation for all project sites (ESIIDs) in a single file (do not use a zip file).
- The file should start with the lowest watt LED fixture and end with the highest watt LED fixture.
- In the **IA Submitted** and **FA Submitted** Project Phases, the following documentation for all LEDs should be consolidated in a single pdf file: **1) Manufacturer Specification Sheet, 2) QPL Screenshot.**
- In the **IN Submitted** Project Phase, the following documentation for all LEDs should be consolidated in a single pdf file: **1) Manufacturer Specification Sheet, 2) QPL Screenshot, and 3) LED Nameplate Photo (that clearly shows the LED model number).**
- If the QPL lists both Test Data and Reported Data wattage, your QPL screenshot should show Test Data wattage.

QPL Websites

- Energy Star (Screw-In Bulbs)
www.energystar.gov/productfinder/product/certified-light-bulbs/results
- Energy Star (Fixtures)
www.energystar.gov/productfinder/product/certified-light-fixtures/results
- DLC
www.designlights.org/gpl



LED Document File Example

The following example shows the required format for a LED Document File.

LED010-SCRW

1) Manufacturer Specification Sheet

- List the LED Fixture Code at the top of the page (as listed in the E-1 or N1 File).
- Provide the LED specifications and ordering matrix (product code breakdown).

TCP		ELITE Series		LED A19 A-Lamp										
Warranties and Certifications:	Item #	Description	Voltage	Wattage	Incandescent Wattage Comparison	Lumens	LPW	CCT	CR1	R9	M.O.L. (inches)	Diameter (inches)	Case Quantity	
LED Elite Line (25,000 Hour Lamp Life)														
60W Equivalent Options														
10W A19 Omni-Directional A-Lamp - Dimmable														
 5 YEAR WARRANTY* For the most up-to-date specs, please visit www.tcp.com <small>*Based on 12 hours use per day</small>	LED10A1900024K	10W Omni Dimmable A-Lamp - 2400K	120	10	60	640	64.0	2400K	80	>0	4.3	2.4	12	
	LED10A1900027K	10W Omni Dimmable A-Lamp - 2700K	120	10	60	800	80.0	2700K	80	>0	4.3	2.4	12	
	LED10A1900030K	10W Omni Dimmable A-Lamp - 3000K	120	10	60	825	82.5	3000K	80	>0	4.3	2.4	12	
	LED10A1900041K	10W Omni Dimmable A-Lamp - 4100K	120	10	60	850	85.0	4100K	80	>0	4.3	2.4	12	
	LED10A1900050K	10W Omni Dimmable A-Lamp - 5000K	120	10	60	850	85.0	5000K	80	>0	4.3	2.4	12	
	10W A19 Omni-Directional A-Lamp - Non Dimmable													
	LED10A190027K	10W Omni Non Dim A-Lamp - 2700K	120	10	60	800	80.0	2700K	80	>0	4.3	2.4	12	
	LED10A190030K	10W Omni Non Dim A-Lamp - 3000K	120	10	60	825	82.5	3000K	80	>0	4.3	2.4	12	
	LED10A190041K	10W Omni Non Dim A-Lamp - 4100K	120	10	60	850	85.0	4100K	80	>0	4.3	2.4	12	
	10W A19 All-Purpose A-Lamp - Dimmable													
	LED10A19024K	10W Dimmable A-Lamp - 2400K	120	10	60	640	64.0	2400K	80	>0	4.3	2.4	12	
	LED10A19027K	10W Dimmable A-Lamp - 2700K	120	10	60	800	80.0	2700K	80	>0	4.3	2.4	12	
	LED10A19030K	10W Dimmable A-Lamp - 3000K	120	10	60	825	82.5	3000K	80	>0	4.3	2.4	12	
	LED10A19041K	10W Dimmable A-Lamp - 4100K	120	10	60	850	85.0	4100K	80	>0	4.3	2.4	12	
	LED10A19050K	10W Dimmable A-Lamp - 5000K	120	10	60	875	87.5	5000K	80	>0	4.3	2.4	12	
40W Equivalent Options														
7W A19 Omni-Directional A-Lamp - Dimmable														
LED7A1900024K	7W Omni Dimmable A-Lamp - 2400K	120	7	40	450	64.3	2400K	80	>0	4.3	2.4	12		
LED7A1900027K	7W Omni Dimmable A-Lamp - 2700K	120	7	40	450	64.3	2700K	80	>0	4.3	2.4	12		
LED7A1900030K	7W Omni Dimmable A-Lamp - 3000K	120	7	40	475	67.9	3000K	80	>0	4.3	2.4	12		
LED7A1900041K	7W Omni Dimmable A-Lamp - 4100K	120	7	40	500	71.4	4100K	80	>0	4.3	2.4	12		
LED7A1900050K	7W Omni Dimmable A-Lamp - 5000K	120	7	40	500	71.4	5000K	80	>0	4.3	2.4	12		
7W A19 All-Purpose A-Lamp - Dimmable														
LED7A19024K	7W Dimmable A-Lamp - 2400K	120	7	40	450	64.3	2400K	80	>0	4.3	2.4	12		
LED7A19027K	7W Dimmable A-Lamp - 2700K	120	7	40	425	60.7	2700K	80	>0	4.3	2.4	12		
LED7A19030K	7W Dimmable A-Lamp - 3000K	120	7	40	450	64.3	3000K	80	>0	4.3	2.4	12		
LED7A19041K	7W Dimmable A-Lamp - 4100K	120	7	40	500	71.4	4100K	80	>0	4.3	2.4	12		
LED7A19050K	7W Dimmable A-Lamp - 5000K	120	7	40	500	71.4	5000K	80	>0	4.3	2.4	12		
LED Economy Line (15,000 Hour Lamp Life)														
60W Equivalent Options														
9W A19 All-Purpose A-Lamp - Non Dimmable														
LED9A1927K	9W Non Dimmable A-Lamp - 2700K	120	9	60	800	88.9	2700K	80	>0	4.3	2.4	12		
LED9A1930K	9W Non Dimmable A-Lamp - 3000K	120	9	60	825	91.7	3000K	80	>0	4.3	2.4	12		
LED9A1941K	9W Non Dimmable A-Lamp - 4100K	120	9	60	850	94.4	4100K	80	>0	4.3	2.4	12		
LED9A1950K	9W Non Dimmable A-Lamp - 5000K	120	9	60	850	94.4	5000K	80	>0	4.3	2.4	12		
40W Equivalent Options														
5W A19 All-Purpose A-Lamp - Non Dimmable														
LED5A1927K	5W Non Dimmable A-Lamp - 2700K	120	5	40	450	90.0	2700K	80	>0	4.3	2.4	12		
LED5A1930K	5W Non Dimmable A-Lamp - 3000K	120	5	40	475	95.0	3000K	80	>0	4.3	2.4	12		
LED5A1941K	5W Non Dimmable A-Lamp - 4100K	120	5	40	500	100.0	4100K	80	>0	4.3	2.4	12		
LED5A1950K	5W Non Dimmable A-Lamp - 5000K	120	5	40	525	105.0	5000K	80	>0	4.3	2.4	12		
TCP 325 Campus Dr. Aurora, Ohio 44202 P: 1-800-324-1496 tcp.com <small>© TCP JAN 2017 #123400</small>														
														

2) QPL Screenshot (example from Energy Star)

- The model number in Energy Star should match the model number on the LED fixture nameplate.
- If the LED wattage contains a fraction, round the wattage up to the next whole number when listing the LED Fixture Code in the E1 or N1 File.

Specifications	
ENERGY STAR Partner:	Technical Consumer Products, Inc. (TCP)
Product Finder Bulb Type:	General Purpose Replacement
Base Type:	E26 (Medium)
Lamp Category:	Omnidirectional
Technology:	LED
Warranty (years):	5
Energy Used (watts):	9.5
Efficacy (lumens/watt):	86.8
Wattage Equivalency (watts):	60
Maximum Overall Length (mm):	109.0
Maximum Overall Diameter (mm):	61.0
Life (hrs):	25000
Brightness (lumens):	825
Power Factor:	0.8
Light Appearance (Kelvin):	3000
Color Quality (CRI):	83
R9:	11
Min Operating Temp (C):	-30
Connected Lamp?:	No
Dimmable:	Dimmable
Dims Down to %:	20.0
Three Way:	No
Special Features:	Damp Location Rated
Date Qualified:	10/13/2016
Date Available on Market:	12/01/2013
Markets:	United States, Canada

Additional Product Information
No additional information provided


3) LED Nameplate Photo


Make sure that your nameplate photo shows the complete LED model number.

LED156-FIXT

1) Manufacturer Specifications

- List the LED Fixture Code at the top of the page (as listed in the E-1 or N1 File).
- Provide the LED specifications and ordering matrix (product code breakdown).

WPLED3T150
Save to PDF


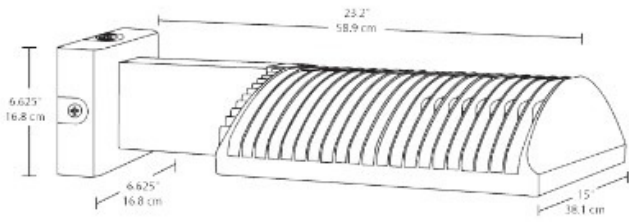


Ultra high output, high efficiency 150 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.
Color: Bronze Weight: 34.8 lbs

Project: <input style="width: 90%;" type="text"/>	Type: <input style="width: 90%;" type="text"/>
Prepared By: <input style="width: 90%;" type="text"/>	Date: <input style="width: 90%;" type="text"/>

Driver Info		LED Info	
Type:	Constant Current	Watts:	150W
120V:	1.31A	Color Temp:	5000K
208V:	0.80A	Color Accuracy:	65 CRI
240V:	0.69A	L70 Lifespan:	100000
277V:	0.60A	Lumens:	12,526
Input Watts:	155W	Efficacy:	81 LPW
Efficiency:	97%		

Dimensions



Features

- High output, high efficiency LED
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Distribution	Watts	Color Temp	Mount	Finish	Photocell	Dimming	Sensor	Bi-Level
WPLED									
2T = Type II	150 =	Blank =	Blank =	Blank =	Blank =	Blank =	Blank =	/WS4 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 150W)	Blank =
3T = Type III	150W	5000K (Cool)	Standard	FX = Flat Wall	Blank = Bronze W = White	Blank = No Photocell /PC = 120V Button /PC2 = 277 Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock	Blank = No Dimming /D10 = Dimmable		No Bi-Level /BL = Bi-Level
4T = Type IV		Y = 3000K (Warm) N = 4000K (Neutral)							

2) QPL Screenshot (example from DLC)

- Provide a screen-shot of the Tested Data folder. If Tested Data is not available, provide Reported Data.
- Do not use the Product ID as your LED Model Number.
- The model number in DLC should match the model number on the LED fixture nameplate. Any DLC wildcard characters (e.g., XXX) should be accounted for in the fixture nameplate model number.
- If the LED wattage contains a fraction, round the wattage up to the next whole number when listing the LED Fixture Code in the E1 or N1 File.

The screenshot shows a product page for a LED fixture. The model number is **WPLED3T150** (All Fixture Colors). The manufacturer is RAB Lighting. The product ID is P0000174H. The page is divided into sections: Manufacturer, Categorization, and Tested Data. The Tested Data section is highlighted with a red box and a callout: "Select the Tested Data Folder." The Tested Data section shows the following specifications: Light Output: 12526 lm, Wattage: 155.2 W, Efficacy: 80.8 lm/W, Power Factor: 0.903, CCT: 4947 K, CRI: 65, Total Harmonic Distortion: 11.1 %. A callout points to the wattage value: "The LED Tested Data wattage should be listed in the E1 or N1 File as a LED156-FIXT since it is a LED fixture. The wattage contains a fraction, so round up to the next whole number when listing the fixture code in the E1 or N1 File." Another callout points to the model number: "List the DLC Model Number in the E1 or N1 File. This model number must also appear on the LED fixture nameplate."

Model # WPLED3T150 (All Fixture Colors)

Manufacturer: RAB Lighting
Brand: RAB Lighting, Inc.
Technical Requirements Version: 2.1
Date Qualified: 01/13/2014
Product ID: P0000174H

Categorization

Main: Outdoor Luminaires
General Application: High Output
Primary Use: Outdoor Full-Cutoff Wall-Mounted Area Luminaires

Classification: Standard
Is Parent Product: Yes
DLC Family Code: RRRRAL
Dimming Status: NotYetVerified
Listing Status: Listed

Select the Tested Data Folder.

Tested Data | Reported Data | Zonal Lumens | Family Data

Light Output: 12526 lm
Wattage: 155.2 W
Efficacy: 80.8 lm/W
Power Factor: 0.903
CCT: 4947 K
CRI: 65
Total Harmonic Distortion: 11.1 %

List the DLC Model Number in the E1 or N1 File. This model number must also appear on the LED fixture nameplate.

The LED Tested Data wattage should be listed in the E1 or N1 File as a LED156-FIXT since it is a LED fixture. The wattage contains a fraction, so round up to the next whole number when listing the fixture code in the E1 or N1 File.

3) LED Nameplate Photo

Make sure that your nameplate photo shows the complete LED model number.

LED156-FIXT

1) Manufacturer Specifications

- List the LED Fixture Code at the top of the page (as listed in the E-1 or N1 File).
- Provide the LED specifications and ordering matrix (product code breakdown).

WPLED4T150
Save to PDF

Ultra high output, high efficiency 150 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.
Color: Bronze Weight: 34.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	150W
120V:	1.31A	Color Temp:	5000K
208V:	0.80A	Color Accuracy:	85 CRI
240V:	0.89A	L70 Lifespan:	100000
277V:	0.80A	Lumens:	14,349
Input Watts:	156W	Efficacy:	92 LPW
Efficiency:	98%		

Dimensions

Features

- High output, high efficiency LED
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Distribution	Watts	Color Temp	Mount	Finish	Photocell	Dimming	Sensor	Bi-Level
WPLED									
	2T = Type II 3T = Type III 4T = Type IV	150 = 150W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Standard FX = Flat Wall	Blank = Bronze W = White	Blank = No Photocell /PC = 120V Button /PC2 = 277 Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock	Blank = No Dimming /D10 = Dimmable	/WS4 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 150W)	Blank = No Bi-Level /BL = Bi-Level

2) QPL Screenshot (example from DLC)

Model # WPLED4T150(All Fixture Colors)

Manufacturer: RAB Lighting
Brand: RAB Lighting, Inc.
Technical Requirements Version: 2.1
Date Qualified: 01/13/2014
Product ID: P0000174K

Categorization

Main: Outdoor Luminaires
General Application: High Output
Primary Use: Outdoor Full-Cutoff Wall-Mounted Area Luminaires

Classification: Standard
Is Parent Product: Yes
DLC Family Code: RRRRAM
Dimming Status: NotYetVerified
Listing Status: Listed

Tested Data | **Reported Data** | **Zonal Lumens** | **Family Data**

Light Output: 14349 lm
Wattage: 155.9 W
Efficacy: 92.2 lm/W
Power Factor: 0.936
CCT: 5056 K
CRI: 65
Total Harmonic Distortion: 13.3 %

This LED has been tested for outdoor applications. To qualify for indoor applications, the DLC QPL approval sheet will need to reflect the Indoor Luminaires category.

The model number on the LED fixture nameplate may sometimes be found in the Family Data folder.

QPL Screenshot (example from Lighting Facts)

RAB Lighting Inc

BRAND: RAB
MODEL: WPLED4T150
TYPE: Luminaire - Area/Roadway
SKU: 1981310849

DESCRIPTION: WALL PACK 150W TYPE IV COOL LED

WARRANTY INFO: 5 years / [View Warranty Information](#)

APPROVED: Approved 1/3/2014
AVAILABILITY: Yes - Made to Order Product

REQUIRED METRICS:	Lumen Output	Input Wattage	Lumens per Watt	Color Accuracy (CRI)	Light Color (CCT)
	14349 lm	155.7 W	92.2 lm/W	65 (CRI)	5056 K

ADDITIONAL METRICS:

Input Voltage:	120
Power Type:	AC
Power Factor:	0.992
DUV:	0.013
R9:	-57
Total Harmonic Distortion:	4.7

List the LED Lighting Facts Model Number in the E1 or N1 File. This model number must also appear on the LED fixture nameplate.

The LED wattage should be listed in the E1 or N1 File as a LED156-FIXT since it is a LED fixture. The wattage contains a fraction, so round up to the next whole number when listing the fixture code in the E1 or N1 File.

3) LED Nameplate Photo