



**Case No.: 17-758-EL-EEC**

**Mercantile Customer: WXIX Broadcast Plaza**

**Electric Utility: Duke Energy**

**Program Title or Description: Exterior HID replacement above 400W HID retrofit**

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission's pilot program established in Case No. [10-834-EL-POR](#)

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at [ee-pdr@puc.state.oh.us](mailto:ee-pdr@puc.state.oh.us).

## Section 1: Mercantile Customer Information

Name: **WXIX Broadcast Plaza**

Principal address: **635 W. 7<sup>th</sup> Street  
Cincinnati, Ohio 45203**

Address of facility for which this energy efficiency program applies:

**Same as above**

Name and telephone number for responses to questions:

**Robin Avant, (513)287-5948**

Electricity use by the customer (check the box(es) that apply):

- ☒ The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Please attach documentation.)
- ☐ The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

## Section 2: Application Information

A) The customer is filing this application (choose which applies):

☐ Individually, without electric utility participation.

☒ **Jointly with the electric utility.**

B) The electric utility is: **Duke Energy**

C) The customer is offering to commit (check any that apply):

☐ Energy savings from the customer's energy efficiency program.  
(Complete Sections 3, 5, 6, and 7.)

☐ Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)

☒ **Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)**

### Section 3: Energy Efficiency Programs

A) The customer's energy efficiency program involves (check those that apply):

- ☐ Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)).
- ✓ Installation of new equipment to replace equipment that needed to be replaced. The customer installed new equipment on the following date(s): **January 2015**
- ☐ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s): \_\_\_\_\_.
- ☐ Behavioral or operational improvement.

B) Energy savings achieved/to be achieved by the energy efficiency program:

- 1) If you checked the box indicating that the project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) - (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

- 2) If you checked the box indicating that the customer installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by the higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: **16,402** kWh (See Attachment 1 - Appendix 2)

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: **XXXXX kWh**

Please describe the less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.

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Annual savings: **XXXXX kWh**

## **Section 4: Demand Reduction/Demand Response Programs**

A) The customer's program involves (check the one that applies):

- ☒ **Coincident peak-demand savings from the customer's energy efficiency program.**
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (check the one that applies):
  - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
  - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.

B) On what date did the customer initiate its demand reduction program?

**Month(s) and Year(s)**

C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined):

**0 KW (See Attachment 1 - Appendix 2)**

## **Section 5: Request for Cash Rebate Reasonable Arrangement (Option 1) or Exemption from Rider (Option 2)**

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) The customer is applying for:

☒ **Option 1: A cash rebate reasonable arrangement.**

OR

☐ Option 2: An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

OR

☐ Commitment payment

B) The value of the option that the customer is seeking is:

Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):

☒ A cash rebate of **\$700.00 (See Attachment 1 - Appendix 3).**

Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.

☐ An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for \_\_\_\_ months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

OR

☐ A commitment payment valued at no more than \$\_\_\_\_\_. (Attach documentation and calculations showing how this payment amount was determined.)

OR

- ☐ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

### Section 6: Cost Effectiveness

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: \_\_\_\_\_  
(Continue to Subsection 1, then skip Subsection 2)
- ✓ Utility Cost Test (UCT). The calculated UCT value is **7.34 (See Attachment 1 - Appendix 4)**

#### Subsection 1: TRC Test Used (please fill in all blanks).

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were \_\_\_\_\_.

Our program costs were \_\_\_\_\_.

The incremental measure costs were \_\_\_\_\_.

Subsection 2: UCT Used (please fill in all blanks).

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

Our avoided supply costs were **\$8,310.33 (See Attachment 1 - Appendix 5).**

The utility's program costs were **\$432.24 (See Attachment 1 - Appendix 6).**

The utility's incentive costs/rebate costs were **\$700.00 (See Attachment 1 - Appendix 3).**

## **Section 7: Additional Information**

Please attach the following supporting documentation to this application:

Narrative description of the program including, but not limited to, make, model, and year of any installed and replaced equipment.

A copy of the formal declaration or agreement that commits the program or measure to the electric utility, including:

- 1) any confidentiality requirements associated with the agreement;
- 2) a description of any consequences of noncompliance with the terms of the commitment;
- 3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;
- 4) permission by the customer to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
- 5) a commitment by the customer to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.

### **Refer to Offer Letter following this application**

A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission.



Appendix 1 – Electric History

60300889 04  
METER 106808120  
WXIX BROADCAST PLAZA LLC  
635 7TH W  
CINCINNATI, OH 45203

Date	Days	Actual KWH	Bill KWH	Actual Demand	Bill Demand	Net Charge	Billing Notes	KWH/Day	KVAR	Power Factor	Load Factor	Cost Per Day
9/14/2015	32	203,081	203,081	457.9	461.3	4,476.11		6,346.30	230	89.4	57.7	139.88
8/13/2015	29	191,270	191,270	466.6	469	4,645.33		6,595.50	232.2	89.5	58.9	160.18
7/15/2015	30	187,748	187,748	465.5		4,624.34		6,258.30	217.1	90.6	56	154.14
6/15/2015	32	184,484	184,484	424.39		3,987.54		5,765.10	189	91.4	56.6	124.61
5/14/2015	29	153,989	153,989	409.3		4,122.10		5,310.00	182.5	91.3	54.1	142.14
4/15/2015	30	142,527	142,527	342.4	383.69	3,814.18	RATCHT	4,750.90	148	91.8	57.8	127.14
3/16/2015	31	132,476	132,476	291.6	383.69	4,041.24	RATCHT	4,273.40	133.9	90.9	61.1	130.36
2/13/2015	29	123,914	123,914	249.5	383.69	4,148.70	RATCHT	4,272.90	63.7	96.9	71.4	143.06
1/15/2015	34	142,937	142,937	291.6	383.69	4,797.14	RATCHT	4,204.00	123.1	92.1	60.1	141.09
12/12/2014	31	131,066	131,066	312.1	383.69	4,682.46	RATCHT	4,227.90	139.3	91.3	56.4	151.05
11/11/2014	29	136,533	136,533	328.3	383.69	4,613.08	RATCHT	4,708.00	142.6	91.7	59.8	159.07
10/13/2014	31	156,014	156,014	375.8	383.69	4,365.85	RATCHT	5,032.70	168.5	91.3	55.8	140.83
9/12/2014	30	181,419	181,419	430.9	432.5	4,667.59		6,047.30	212.8	89.7	58.5	155.59
8/13/2014	29	168,292	168,292	426.6	429	4,787.59		5,803.20	212.8	89.5	56.7	165.09
7/15/2014	32	191,970	191,970	450.4		4,817.16		5,999.10	218.2	90	55.5	150.54
6/13/2014	30	166,671	166,671	451.4		5,104.72		5,555.70	180.4	92.9	51.3	170.16
5/14/2014	30	151,661	151,661	455.8		5,435.38		5,055.40	220.3	90	46.2	181.18
4/14/2014	31	135,750	135,750	341.3	425	5,108.15	RATCHT	4,379.00	138.2	92.7	53.5	164.78
3/14/2014	29	122,416	122,416	283	425	5,274.29	RATCHT	4,221.20	111.2	93.1	62.2	181.87
2/13/2014	29	123,650	123,650	264.6	425	5,258.91	RATCHT	4,263.80	88.6	94.8	67.1	181.34
1/15/2014	34	140,531	140,531	272.2	425	5,025.44	RATCHT	4,133.30	101.5	93.7	63.3	147.81

Appendix 2 – Annual kWh and kW savings

Measure	Measure Quantity	Unit of Measure	Annual kWh Gross with losses (Per Unit)	TOTAL Annual kWh Gross with losses	Saved Summer coincident kW with losses (Per Unit)	Total KW Gross with losses
Exterior HID replacement above 400W HID retrofit	7	per fixture	16402	114816	0	0

Appendix 3 – Cash Rebate

Measure	Amount
Exterior HID replacement above 400W HID retrofit	\$ 700.00
	\$ 700.00

Appendix 4 – Utility Cost Test

Measure	UCT
Exterior HID replacement above 400W HID retrofit	7.34
	7.34

Appendix 5 – Avoided Supply Costs

Measure	T&D	Production	Capacity	Quantity	Total Avoided Costs
Exterior HID replacement above 400W HID retrofit	\$ -	\$ 8,310	\$ -	7	\$ 8,310
					\$ 8,310

Appendix 6 – Utility Program Costs

Measure	Qty	Total Costs
Exterior HID replacement above 400W HID retrofit	7	\$ 432.24
		\$ 432.24



DUKE ENERGY  
Mercantile Self Direct Program  
139 East Fourth Street  
Cincinnati, OH 45202

April 1, 2016

Gene Wahler  
WXIX Broadcast Plaza LLC  
635 W. 7<sup>th</sup> Street  
Cincinnati, Ohio, 45203-1513

Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate

Dear Gene Wahler:

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page two, a total rebate of \$700.00 has been proposed for your Exterior HID replacement project completed in the 2015 calendar year. **All Self Direct Rebates are contingent upon approval by the Public Utilities Commission of Ohio (PUCO).**

At your earliest convenience, please indicate if you accept this rebate by

- providing your signature on page two
- completing the PUCO-required affidavit on page three.

Please return the documents to my attention via fax at 513-629-5572 or e-mail to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

At Duke Energy, we value your business and look forward to working with you on this and future energy efficiency projects. We hope you will consider our Smart Saver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robin Avant'.

Robin Avant  
Senior Program Manager  
Mercantile Self Direct Rebates

cc: Roger Jones



# Public Utilities Commission

Application to Commit  
Energy Efficiency/Peak  
Demand Reduction  
Programs  
(Mercantile Customers  
Only)

Case No.: \_\_\_\_ - \_\_\_\_ -EL-EEC

State of OHIO :

17-758-EL-EEC

GENE WAHLER, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

WXIX BROADCAST PLAZA LLC

[insert customer or EDU company name and any applicable name(s) doing business as]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

3. I am aware of fines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

G. Wahler Property Mgr.  
Signature of Affiant & Title

Sworn and subscribed before me this 1<sup>st</sup> day of April,  
2016 Month/Year

Mary Kathryn Mank  
Signature of official administering oath

Mary Kathryn Mank, Notary Public  
Print Name and Title

My commission expires on August 24, 2017



MARY KATHRYN MANK  
Notary Public, State of Ohio  
My Commission Expires  
August 24, 2017  
Recorded in Warren County



Please indicate your response to this rebate offer within 30 days of receipt.

☒ Rebate is accepted.

☐ Rebate is declined.

By accepting this rebate, WXIX Broadcasting affirms its intention to commit and integrate the energy efficiency projects listed on the following pages into Duke Energy's peak demand reduction, demand response and/or energy efficiency programs.

Additionally, WXIX Broadcasting also agrees to serve as joint applicant in any future filings necessary to secure approval of this arrangement as required by PUCO and to comply with any information and reporting requirements imposed by rule or as part of that approval.

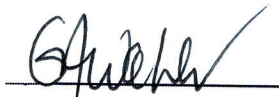
Finally, WXIX Broadcasting affirms that all application information submitted to Duke Energy pursuant to this rebate offer is true and accurate. Information in question would include, but not be limited to, project scope, equipment specifications, equipment operational details, project costs, project completion dates, and the quantity of energy conservation measures installed.

If rebate is accepted, will you use the monies to fund future energy efficiency and/or demand reduction projects?

☒ YES

☐ NO

If rebate is declined, please indicate reason (optional):



Customer Signature

GENE A WAMPLER

Printed Name

4-1-16

Date

### Proposed Rebate Amounts

Measure ID	Energy Conservation Measure (ECM)	Proposed Rebate Amount
ECM-1	Exterior HID Replacement above 400W HID retrofit – Year 2015 – Qty. 7	\$700.00
ECM-2		
ECM-3		
ECM-4		
ECM-5		
Total		

# Ohio Mercantile Self Direct Program

## Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email this form along with completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to [SelfDirect@Duke-Energy.com](mailto:SelfDirect@Duke-Energy.com). You may also fax to 1-513-629-5572.

Mercantile customers, defined as using at least 700,000 kWh annually or having an account in multiple locations are eligible for the Mercantile Self Direct program. Indicate which applies:

- ☒ a single Duke Energy Ohio account with 700,000 kWh annual usage  
☐ an account with multiple locations

Please list Duke Energy account numbers below (attach listing of multiple accounts and/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
6030-0889-04-5	1,886,452		

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® Custom Incentive. Self Direct rebates are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program rules allow for, though do not require, certain projects that are Prescriptive in nature under the Smart Saver program to be evaluated using the Custom process in the Self Direct program. Use the list on page two as a guide to determine which Self Direct program best fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet.

Self Direct Program rules also allow for behaviorally based and/or no cost and low cost projects to receive rebates.

Please check each box to indicate completion/inclusion of the following program requirements:

<input checked="" type="checkbox"/> All sections of appropriate application(s) are completed	<input checked="" type="checkbox"/> Proof of payment.*	<input checked="" type="checkbox"/> Manufacturer's Spec sheets	<input type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications
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\*If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

\*\*Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application. Rebates for such projects may be small in magnitude.



## MERCANTILE SELF DIRECT Ohio Lighting Rebate Application

Questions? Call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).

Email the complete, signed application with all required documents to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com) or fax to 513-629-5572.

Is this application: ☒ **NEW** (original) or ☐ **REVISED** (changes made to original application)

### Building Type – Required (check one)

<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input type="checkbox"/> Industrial	<input type="checkbox"/> Public Order/Safety
<input type="checkbox"/> Elder Care/Nursing Home	<input type="checkbox"/> Lodging	<input type="checkbox"/> Religious Worship/Church
<input type="checkbox"/> Food Sales/Grocery	<input type="checkbox"/> Retail (Small Box)	<input checked="" type="checkbox"/> Service
<input type="checkbox"/> Fast Food Restaurant	<input type="checkbox"/> Retail (Big Box)	<input type="checkbox"/> Warehouse
<input type="checkbox"/> Other:		

### How did you hear about the program? (check one)

<input checked="" type="checkbox"/> Duke Energy Representative	<input type="checkbox"/> Web Site	<input type="checkbox"/> Radio
<input type="checkbox"/> Contractor / Vendor	<input type="checkbox"/> Other	

Please check each box to indicate completion of the following program requirements:

<input checked="" type="checkbox"/> All sections of application	<input checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input checked="" type="checkbox"/> Tax ID number for payee <input checked="" type="checkbox"/> W-9 for payee	<input type="checkbox"/> Customer/vendor agree to Terms and Conditions
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### Customer Information

Customer/Business	WXIX Broadcast Plaza	Contact	Gene Wahler
Phone	513-576-0060	Account Number	6030-0889-04-5
Street Address (Where rebate should be mailed)		7 Hetherington Court	
City	Cincinnati	State	Ohio
Zip Code	45246		
Installation Street Address	635 7 <sup>th</sup> West Street		
City	Cincinnati	State	Ohio
Zip Code	45203		
E-mail Address	gwahler@tiptoninterests.com		

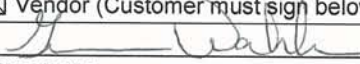
*\*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.*

### Vendor Information

Vendor	Dyna Scan Technical Services	Contact	Jim O'Brien
Phone	513-2455951	Fax	513245-5977
Street Address		7 Hetherington Court	
City	Cincinnati	State	Ohio
Zip Code	45246		
E-mail Address	jobrien@dynascantech.com		



If Duke Energy has questions about this application, who should we contact? ☐ Customer ☒ Vendor

### Payment Information

Who should receive rebate payment?	<input type="checkbox"/> Customer	<input checked="" type="checkbox"/> Vendor (Customer must sign below)
I hereby authorize payment of rebate directly to the vendor:	Customer Signature (written signature)	
	Date	09/22/2015
Provide Tax ID Number for Payee	Customer Tax ID #	
	Vendor Tax ID #	26-4045995

### Terms and Conditions

I have read and hereby agree to the Terms & Conditions and Program Requirements.

Customer Signature (written signature)		Vendor Signature (written signature)	
Date	09/22/2015	Date	09/22/2015
Title	Manager	Title	President

*Rebates are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for rebates. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.*

Outdoor Lighting	Incentive	Qty	Annual Operating Hrs (minimum of 1800)	Equipment cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
Exterior LED or Induction fixture replacing up to 175 lamp wattage HID fixture Model Number	\$20 / fixture					
Exterior LED or Induction fixture replacing 176 – 250 lamp wattage HID fixture Model Number	\$25 / fixture					
Exterior LED or Induction fixture replacing 251 – 400 lamp wattage HID fixture Model Number	\$40 / fixture					
Exterior LED or Induction fixture replacing > 400 lamp wattage HID fixture Model Number AL 15 ATG Electronics	\$75 / fixture	7	4500	\$3,850.00	01/15	\$525.00
Parking Garage LED or Induction fixture replacing up to 175 lamp wattage HID fixture Model Number	\$50 / fixture					
Parking Garage LED or Induction fixture replacing 176 – 250 lamp wattage HID fixture Model Number	\$75 / fixture					
Parking Garage LED or Induction fixture replacing 251 – 400 lamp wattage HID fixture Model Number CPPG90-LB50K ATG Electronics	\$125 / fixture	25	8760	\$7,850.00	03/15	\$3,125.00
Parking Garage LED or Induction fixture replacing > 400 lamp wattage HID fixture Model Number	\$200 / fixture					
Exterior LED Bollards (replacing or in lieu of incandescent, CFL or HID bollards) Model Number:	\$20 / fixture					
Exterior LED Canopy replacing up to 175W HID Model Number:	\$40 / fixture					
Exterior LED Canopy replacing 176-250 lamp wattage HID Model Number:	\$45 / fixture					
Exterior LED Canopy replacing 251-400 lamp wattage HID Model Number:	\$85 / fixture					
Exterior LED Floodlight replacing up to 100W halogen, incandescent or HID floodlight Model Number:	\$10.00/ fixture					
LED Floodlight replacing >100W Incandescent, halogen or HID Model Number:	\$25.00/ fixture					
Exterior LED Lighting Motion Sensor Controls Make and Model Number: check one ** <input type="checkbox"/> R <input type="checkbox"/> NC	\$13.50 / control					

- Replacement must result in energy savings to qualify
- All fixtures, lamps and ballasts must be approved by a recognized OSHA National Recognized Testing Laboratory (NRTL) and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- A minimum of 35 lumens per watt is required.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Outdoor and garage LED and induction lighting must result in a total power reduction of 40% or more.
- Outdoor and garage LEDs must be listed on either the Energy Star or Design Lights consortium qualifying products lists:  
[http://www.energystar.gov/index.cfm?c=products.pr\\_find\\_es\\_products#business\\_gov](http://www.energystar.gov/index.cfm?c=products.pr_find_es_products#business_gov)  
<http://www.designlights.org/>
- Incentive capped at 50% of the equipment cost.
- LED Bollards must be listed on either the Energy Star or Design Lights consortium qualifying products lists.
- DLC-approved retrofit kits for fuel pump canopy luminaires are eligible for incentive under this measure.
- LEDs must be on the DLC qualified product list and qualify as the appropriate primary use type to be eligible for incentives.
- The exterior LED lighting motion-sensor control must be controlled by a photocell or timer to prevent daytime operation.
- Rebates are not available for photocell timers.
- The exterior LED lighting motion-sensor control cannot be installed on parking garages.



## Program Requirements

### Rebate Eligibility

- Rebates are only available to customers on a Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Rebate will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise rebate levels and/or qualifying efficiency levels at any time.
- Customer may assign the rebate to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of this form to assign the rebate to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the rebate. This assigned rebate must reduce the purchase price paid for the equipment by an equivalent amount.
- Leased equipment is eligible for rebates providing the equipment meets the program requirements and the customer provides the required documentation noted on the Rebate Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive a rebate from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay a rebate above the actual cost of the new equipment.
- Rebate recipient assumes all responsibilities for any tax consequences resulting from Duke Energy rebate payment.
- To qualify for Duke Energy rebates, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Rebate applications are processed by a 3<sup>rd</sup> party vendor. The 3<sup>rd</sup> party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3<sup>rd</sup> party vendor have signed a confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the rebate program.



**Terms and Conditions**

*I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed rebate payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one rebate from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties) and is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment.*

## Mercantile Self Direct Rebate Program

Technology	Responsible for sales and not installs*	Responsible for sales and Installation*	Technology	Responsible for sales and not installs*	Responsible for sales and Installation*
Lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thermal Storage	<input type="checkbox"/>	<input type="checkbox"/>
Heating Ventilation & Cooling	<input type="checkbox"/>	<input type="checkbox"/>	Pumps/Motors/VFD's	<input type="checkbox"/>	<input type="checkbox"/>
Food Service	<input type="checkbox"/>	<input type="checkbox"/>	Chillers	<input type="checkbox"/>	<input type="checkbox"/>
Water Heating	<input type="checkbox"/>	<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>
Process Equipment (air compressors, injection molding, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	Window Film	<input type="checkbox"/>	<input type="checkbox"/>

\* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Rebate Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive rebate payments. Fax form to **513-629-5572** or email to [SelfDirect@duke-energy.com](mailto:SelfDirect@duke-energy.com).

I have read and understand the Mercantile Self Direct Rebate Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Rebate Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

Vendor Federal Tax ID Number	26-4045995
------------------------------	------------

To qualify for Duke Energy rebates, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Rebate applications are processed by a third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the rebate program.

Vendor Tax Status	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input type="checkbox"/> Other
-------------------	---	---	--------------------------------------	--------------------------------

Contact me via	<input type="checkbox"/> Phone	<input checked="" type="checkbox"/> E-Mail	<input type="checkbox"/> Mail
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Company Name	Dyna Scan Technical Services
Mailing Address	7 Hetherington Court
City, State, Zip	Cincinnati, Ohio, 45246
Phone/Fax	513-245-5951
Primary E-mail Address	<a href="mailto:bwischer@dynascantech.com">bwischer@dynascantech.com</a>
Secondary E-mail Address	<a href="mailto:jobrien@dynascantech.com">jobrien@dynascantech.com</a>
Vendor Signature	
Title	President
Print Name	James O'Brien
Date	09/22/2015

For more information, call 1-866-380-9580 or visit [www.duke-energy.com](http://www.duke-energy.com).



155 Tri-County Pkwy  
Suite 210  
Cincinnati, Ohio 45246

Phone: 513-245-5951  
Fax: 513-245-5957  
Email: jobrien@dynascantech.com

**Invoice 1906**

Invoice# 1906  
Invoice Date: 3/20/2015  
Customer ID: DR 106

**Bill To:**

WXIX Broadcast Plaza  
  
635 7th West Street  
Cincinnati, Ohio 45203

**Ship/Install:**

Same

Date	Your Order #	Our Order #	Sales Rep.	FOB	Ship Via	Terms	Tax ID
3/20/2015	635	DY7297	TK		Dyna	Net 30	

Quantity	Item	Units	Description	Discount %	Taxable	Unit Price	Total
25	Canopy	25	CPPG90-LB50K ATG Electronics	Custom	\$7,850	\$314.00	\$7,850.00
25	Labor	25	Install			\$ 30.00	\$ 750.00
7	Pole Heads	7	AL 15 ATG Electronics	Custom	\$3,850	\$550.00	\$3,850.00
7	Labor	7	Install			\$ 75.00	\$ 525.00
							\$12,276.00

Subtotal	\$11,700.00
Tax	\$ 789.80
Shipping	\$ 0.00
Miscellaneous	\$ 0.00
Balance Due	\$12,489.80

155 Tri-County Pkwy  
Suite 210  
Cincinnati, Ohio  
45246



Remittance: #7649  
Date: 04/10/2015  
Amount Due: \$ 12,489.80  
Amount Enclosed: \$ 12,489.80



## Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return) <b>J. A. O'Brien Companies</b>	
	Business name/disregarded entity name, if different from above <b>Dyna Scan Technical Services</b>	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	Exemptions (see instructions): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____	
	Address (number, street, and apt. or suite no.) <b>7 Hetherington Ct.</b> City, state, and ZIP code <b>Cincinnati, OH 45246</b> List account number(s) here (optional) _____	
Requester's name and address (optional) _____		

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-					
Employer identification number								
2	6	-	4	0	4	5	9	9

### Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below), and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign  
Here

Signature of  
U.S. person ▶

Date ▶ 11/11/2014

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** The IRS has created a page on IRS.gov for information about Form W-9, at [www.irs.gov/w9](http://www.irs.gov/w9). Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

### Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the

withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

**Note.** If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.



# eLucent™ CP Series LED Canopy

## Family Model

CPPG40  
CPPG60  
CPPG90

## Product Description

eLucent™ CP Series LED Canopy is an environmentally preferable, cost-effective, maintenance-free alternative to traditional lighting.

The heavy-duty, cast aluminum, one-piece housings are polyester powder coated, protected from rust and corrosion, sealed free of dirt and bugs, and crafted with a shock proof and UV-resistant polycarbonate lens.

eLucent™ CP Series LED Canopy adopts high luminous efficacy SMD LEDs. They are available in 40 watts, 60 watts and 90watts.

With superior 60%+ energy savings, compared to halogen lamp or a metal halide lamp, eLucent™ CP90 provides up to a superlative luminous flux of 7600 lm and only consumes approximate 90 watts.

eLucent™ CP Series LED Canopy is extremely durable and maintain virtually all their luminosity for the 68,000 hours life, significantly reducing replacement and maintenance costs.

## Performance Summary

Power consumption: 40W, 60W, 90W

Lumens: 3400 lm, 5100 lm, 7650 lm

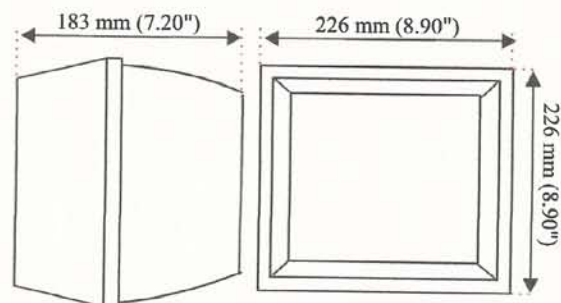
CCT: 5000 K

CRI: >80

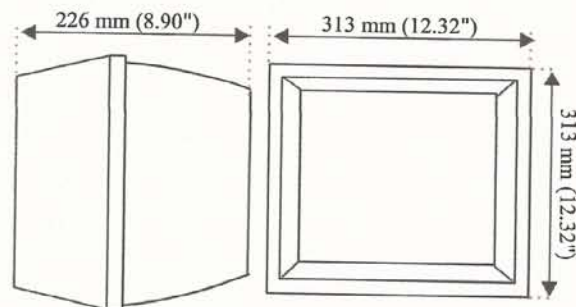
L70: 68,000h 94,000h 60,000h

## Recommended Applications

Shopping mall, petrol station, parking lots, warehouses, security lighting, exhibition halls, and storage areas.



CP40



CP60, CP90



www.atgelectronics.com Toll free: 877-461-5333 E-mail: sales@atgelectronics.com



ATG ELECTRONICS



## Ordering Information

Typical Order Example: CPPG60HU500000

SERIES	APPLIACTION	WATT	VOLTAGE	CCT	DIMMING	OPTION
CP=Canopy	PG=Parking Garage GS=Gas Station	40=40W 60=60W 90=90W	HU=100-277VAC	50=5000K 40=4000K	00=non-dimming	00=Default

## Product Specifications

CONSTRUCTION & MATERIALS			
Type	CPPG40	CPPG60	CPPG90
Dimension	226 *226 *183 mm (8.90 *8.90 *7.20 inch)	313 *313 *226 mm (12.32 *12.32 *8.90 inch)	313 *313 *226 mm (12.32 *12.32 *8.90 inch)
Housing	Die-cast aluminum		
Lens Type	Acrylic Diffuser		

ENVIRONMENTAL SYSTEM	
Work Environment	Indoor and outdoor use
Operating Temperature	-20℃~50℃ (-4~122°F)
IP Rating	IP65

OPTICAL SYSTEM			
Type	CPPG40	CPPG60	CPPG90
Luminous Flux	3400 lm	5100 lm	7650 lm
Luminous Efficacy	Typ. 85 lm/W		
Color Temperature	5000 K		
CRI	>80		
Lumen maintenance at 6000h	>95%		

ELECTRICAL SYSTEM			
Type	CPPG40	CPPG60	CPPG90
Input Voltage	100-277 VAC 50/60 HZ		
Power Consumption	40 W	60 W	90 W
Power Factor	>0.92		
THD	<20%		

REGULATORY & VOLUNTARY QUALIFICATIONS	
Design Lights Consortium	
ETL & cETL Listed (ETL No.: 4003329)	
CE, RoHS	



www.atgelectronics.com Toll free: 877-461-5333 E-mail: sales@atgelectronics.com



ATG ELECTRONICS



## eLucent™ LED Area Light

### Family Model:

AL10

AL15

### Product Description

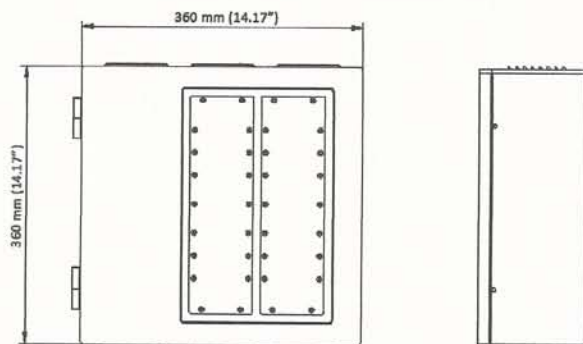
eLucent™ LED Area Light provides an excellent illuminative solutions to parking areas, airports, roadways, campuses and streetscapes.

It achieves a high luminous efficacy of 86 lm/W by utilizing high quality Cree LED diodes. Three mounting options available for different applications: Arm mount, Slipfitter mount, Trunnion mount.

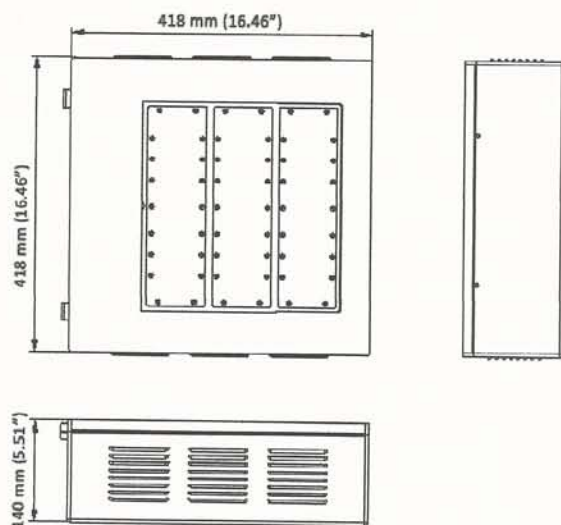
With effective thermal management, corrosion-resistant, and die-cast aluminum enclosure with an architectural brown finish, eLucent™ LED Area Light provides glare free, uniform illumination while providing a safe and comfortable visual experience.

### Performance Summary

Power Consumption	100 W	150W
Lumens	8600 lm	13,000 lm
Luminous efficacy: Typ. 86+ lm/W		
CCT: 5000 K		
L70: 100,000+h		
Color Accuracy: CRI 70+		
PF: >0.92		



100 W



150 W



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## Ordering Information

Typical Order Example: AL10HU50T40000

SERIES	WATT (x10)	VOLTAGE	CCT	DISTRIBUTION	CONTROL	OPTIONS
AL= Area Light	10=100W 15=150W	HU=100-277V	50=5000K	T4=Type IV T5=Type V	00=Standard PC=Photocell 10=1-10V Dimming	00=Default

## Mounting Options (Order Separately)

Options	Application	Part Number	Image
Arm Mount	Square Pole Area/Site Lighting	HAC-ALMAM-000000-00	
Slipfitter Mount	Round Pole Area/Site Lighting	HAC-ALMSF-000000-00	
Trunnion Mount	Flood Lighting	HAC-ALMTN-000000-00	

## Product Specifications

CONSTRUCTION & MATERIALS		
Type	100 W	150 W
Dimension	360*360*140 mm (14.17*14.17*5.51 inch)	418*418*140 mm (16.46*16.46*5.51 inch)
Housing	Die-cast Aluminum	
Finish Color	Bronze	
Lens Type	Modular Optic Type IV	



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ATG ELECTRONICS



#### ENVIRONMENTAL SYSTEM

Work Environment	Outdoor use (applicable for dry environments)
Operating Temperature	-20~50°C (-4~122°F)
IP Rating	IP65

#### OPTICAL SYSTEM

Type	100 W	150 W
Luminous Flux	8600 lm	13000 lm
Luminous Efficacy	86 lm/W	
Color Temperature	5000 K	
CRI	70+	

#### ELECTRICAL SYSTEM

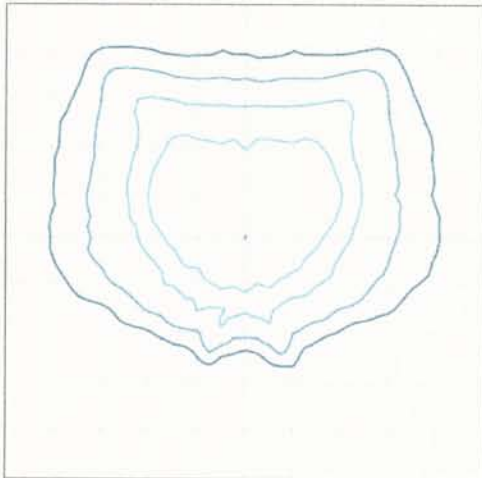
Input Voltage/Current	100-277 VAC 50/60 HZ
Power Consumption	100 W, 150 W
Power Factor	>0.92
THD	<20%

#### REGULATORY & VOLUNTARY QUALIFICATIONS

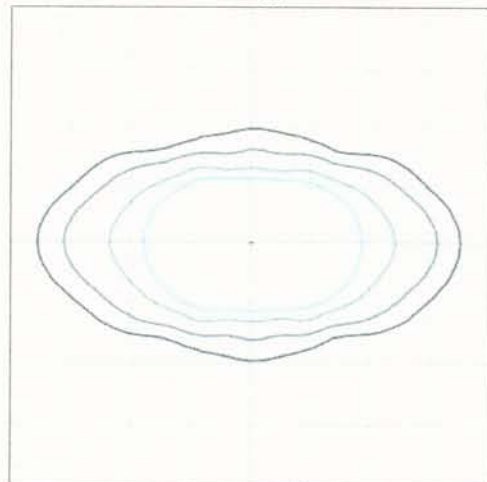
Design Lights Consortium
ETL & cETL Listed
UL/cUL, KEMA, and CE certified external driver
CE, RoHS

#### Distribution

Type IV



Type V



www.atgelectronics.com Toll free: 877-461-5333 E-mail: sales@atgelectronics.com



ATG ELECTRONICS

Indoor Luminaires | High-Bay  
**Low-Bay Luminaires for  
Commercial and  
Industrial Buildings**

Classification: DLC Standard  
DLC Product Code: PPP2M9P6  
DLC Family Code: MMMMYM

**RATED DATA**

Light	5,000 lm	Efficacy	90 lm/W
Output		Wattage	60 w
CRI	85	CCT	5,000 K

Expand details

✓ Date Qualified: 03/13/2015

Compare

Model No.: **CPPG90-LB40K**  
Brand Name: ATG Electronics  
Manufacturer: ATG Electronics Corp.

VIEW DETAILS

VIEW FAMILY (1)

Indoor Luminaires | High-Bay  
**Low-Bay Luminaires for  
Commercial and  
Industrial Buildings**

Classification: DLC Standard  
DLC Product Code: P1GVKCA1  
DLC Family Code: OOOOFO

**TEST DATA**

Light	7,213.894 lm	Efficacy	85.271 lm/W
Output		Wattage	84.6 w
CRI	84.8	CCT	4,120 K

**RATED DATA**

Expand details

✓ Date Qualified: 03/13/2015

Compare

Model No.: **CPPG90-LB50K**  
Brand Name: ATG Electronics  
Manufacturer: ATG Electronics Corp.

VIEW DETAILS

VIEW PARENT (1)

Indoor Luminaires | High-Bay  
**Low-Bay Luminaires for  
Commercial and  
Industrial Buildings**

Classification: DLC Standard  
DLC Product Code: PWY24S2S  
DLC Family Code: OOOOFO

Notes:

**RATED DATA**

Light	7,500 lm	Efficacy	85 lm/W
Output		Wattage	90 w
CRI	85	CCT	5,000 K

Power Factor 0.9

Total Harmonic 20 %

Distortion

Dimmable: Yes

Continuous/Stepped: Continuous

Continuous to ≤ Yes

10% W:

Has Integral Not Yet

Controls Verified

Close Details

Brand Name: ATG Electronics  
Manufacturer: ATG Electronics Corp.

[VIEW DETAILS](#)

[VIEW PARENT \(1\)](#)

Outdoor Luminaires | Low

Output

### Outdoor Wall-Mounted Area Luminaires

Classification: DLC Standard

DLC Product Code: P0000052U

DLC Family Code: XXXXIL

#### RATED DATA

Light 3,200 lm Efficacy 80 lm/W

Output Wattage 40 w

CRI 80 CCT 5,000 K

[Expand details](#)

✓ Date Qualified: 05/21/2014

[Compare](#)

Model No.: **AL10**

Brand Name: ATG Electronics

Manufacturer: ATG Electronics Corp.

[VIEW DETAILS](#)

Outdoor Luminaires | Mid

Output

### Outdoor Pole/Arm- Mounted Area and Roadway Luminaires

Classification: DLC Standard

DLC Product Code: P0000052R

DLC Family Code: XXXXHZ

#### TEST DATA

Light 8,575 lm

Output

CRI 78

#### RATED DATA

Efficacy 90.4 lm/W

Wattage 94.85 w

CCT 5,265 K

[Expand details](#)

✓ Date Qualified: 05/21/2014

[Compare](#)

Model No.: **AL15**

Brand Name: ATG Electronics

Manufacturer: ATG Electronics Corp.

[VIEW DETAILS](#)

Outdoor Luminaires | High

Output

### Outdoor Pole/Arm- Mounted Area and Roadway Luminaires

Classification: DLC Standard

DLC Product Code: P0000052S

DLC Family Code: XXXXIA

Notes:

#### TEST DATA

Light 13,552 lm

Output

CRI 78

#### RATED DATA

Efficacy 91.6 lm/W

Wattage 147.9 w

CCT 5,299 K

Power Factor 0.933

Total Harmonic  
Distortion 13.1 %

Technical 2.1

Requirements

Version Number

Zonal Lumens: 0- 99 %



✓ Date Qualified: 05/21/2014

 Compare

Model No.: **AL15**

Brand Name: **ATG Electronics**

Manufacturer: **ATG Electronics Corp.**

[VIEW DETAILS](#)

Outdoor Luminaires | High  
Output

**Outdoor Pole/Arm-  
Mounted Area and  
Roadway Luminaires**

Classification: DLC Standard  
DLC Product Code: P00000525  
DLC Family Code: XXXXIA

Notes:

TEST DATA

Light 13,552 lm  
Output  
CRI 78

RATED DATA

Efficacy 91.6 lm/W  
Wattage 147.9 w  
CCT 5,299 K

Power Factor 0.933

Total Harmonic  
Distortion 13.1 %

Technical  
Requirements 2.1

Version Number

Zonal Lumens: 0- 99 %

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**3/13/2017 2:21:41 PM**

**in**

**Case No(s). 17-0758-EL-EEC**

Summary: Application Application to Commit Energy  
Efficiency/Peak Demand  
Reduction Programs  
(Mercantile Customers Only)- DE- Exterior HID replacement above 400W HID retrofit  
electronically filed by Carys Cochern on behalf of Duke Energy