AEP
AMERICAN ELECTRIC POWER

Legal Department

April 26, 2018

Chairman Asim Z. Haque
Public Utilities Commission of Ohio
180 East Broad Street
Columbus, OH 43215-3793

Re: **In the Matter of the Application of**	)	
Rite Aid #2409	)	
and Ohio Power Company	)	**Case No. 18-0227-EL-EEC**
for Approval of a Special Arrangement	)	
Agreement with a Mercantile Customer	)	

Julie E Sanders
Legal Fellow
Regulatory Services
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(614) 716-2950
jesanders2@aep.com

Dear Chairman Haque,

Attached please find the Joint Application of Ohio Power Company (AEP Ohio) and the above-referenced mercantile customer for approval of a Special Arrangement of the commitment of energy efficiency/peak demand reduction (EE/PDR) resources toward compliance with the statutory benchmarks for 2018 (hereinafter "Joint Application").

Amended Substitute Senate Bill 221, codified at R.C. 4928.66, sets forth EE/PDR benchmarks that electric distribution utilities are required to meet or exceed. The statute allows utilities to include EE/PDR resources committed by mercantile customers for integration into the utilities' programs to be counted toward compliance with a utility's EE/PDR benchmarks. The statute also enables the Commission to approve special arrangements for mercantile customers that commit EE/PDR resources to be counted toward compliance with EE/PDR benchmarks.

The Commission's Order in Case No. 10-834-EL-EEC established a streamlined process to expedite review of these special arrangements by developing a sample application process for parties to follow for consideration of such programs implemented during the prior three calendar years. The attached Joint Application and affidavit conforms with AEP Ohio's version of the streamlined sample application. As requested by Commission Staff, any confidential information referenced in the Joint Application has been provided confidentially to Commission Staff for filing in Commission Docket 10-1599-EL-EEC and subject to the confidentially protections of R.C. 4901.16 and OAC 4901-1-24(E). AEP Ohio respectfully requests that the Commission treat the two cases as associated dockets and that any confidential information provided to Staff for filing in connection with the Joint Application be subject to the protective order requested in Docket 10-1599-EL-EEC.

Cordially,

/s/ Julie E. Sanders
Julie E. Sanders

Attachments

Ohio | Public Utilities Commission

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

Case No.: 18-0227-**EL-EEC**

Mercantile Customer: RITE AID #2409

Electric Utility: Ohio Power

Program Title or Description: AEP Ohio Business Incentives for Energy Efficiency: Self Direct Program

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.

Section 1: Company Information

Name: RITE AID #2409

Principal address: 301 Plainfield Road Suite 310, Syracuse, Ny 13212

Address of facility for which this energy efficiency program applies: 2906 Cleveland Ave, Canton, Oh 44707-3624

Name and telephone number for responses to questions:

Caitlyn Mack, Rite Aid #2409, (855) 926-7543

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

☐ The customer uses more than seven hundred thousand kilowatt hours per year at our facility. (Please attach documentation.)

See Confidential and Proprietary Attachment 4 – Calculation of Rider Exemption and UCT which provides the facility consumption for the last three years, benchmark kWh, and the last 12 months usage.

☒ The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.) When checked, see Attachment 6 – Supporting Documentation for a listing of the customer's name and service addresses of other accounts in the AEP Ohio service territory.

Section 2: Application Information

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

☐ Individually, on our own.

☒ Jointly with our electric utility.

B) Our electric utility is: Ohio Power Company

The application to participate in the electric utility energy efficiency program is "Confidential and Proprietary Attachment 3 – Self Direct Program Project Completed Application."

C) The customer is offering to commit (choose which applies):

☐ Energy savings from our 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 demand reduction 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 (choose whichever applies):

☐ 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):

☒ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s): 4/6/2016

☐ Behavioral or operational improvement.

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

1) If you checked the box indicating that your 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 you 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: kWh

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

3) If you checked the box indicating that your 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:

Unit Quantity (watts) = Existing (watts x units) – Installed (watts x units)

kWh Reduction (Annual Savings) = Unit Quantity x (Deemed kWh/Unit)

Annual savings: 34,511 kWh

See Confidential and Proprietary Attachment 5 – Self Direct Program Project Calculation for annual energy savings calculations and 10-1599-EL-EEC for the work papers that provide all methodologies, protocols, and practices used in this application for prescriptive measures, as needed.

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

The less efficient new equipment is the minimum required by Ohio State code or Federal Standard whichever is more stringent. For those measures where no code applies the baseline equipment is assumed to be the least efficient equipment available in the marketplace or standard practice, whichever results in the most conservative annual savings. Any information available describing the less efficient new equipment option is provided in 10-1599-EL-EEC for the work papers that provide all methodologies, protocols, and practices used in this application for prescriptive measures.

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.

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 (choose which applies):

- Choose one or more of the following 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?

The coincident peak-demand savings are permanent installations that reduce demand through energy efficiency and were installed on the date specified in Section 3 A above.

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

Unit Quantity (watts) = Existing (watts x units) – Installed (watts x units)

KW Demand Reduction = Unit Quantity (watts) x (Deemed KW/Unit (watts))

10.0 kW

See Confidential and Proprietary Attachment 5 – Self Direct Program Project Calculation for peak demand reduction calculation, and 10-1599-EL-EEC for the work papers that provide all methodologies, protocols, and practices used in this application for prescriptive measures, as needed.

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 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 $ 2,791.83. (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

See Confidential and Proprietary Attachment 5 – Self Direct Program Project Calculation for incentive calculations for this mercantile program.

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 an ongoing efficiency program that is practiced by our organization. (Attach documentation that establishes your organization's ongoing efficiency program. In order to continue the exemption beyond the initial 24 month period your organization 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: 4.30 (Skip to Subsection 2.)

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 utility's 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 $ 12,882.81

The utility's program costs were $ 207.07

The utility's incentive costs/rebate costs were $ 2,791.83.

Section 7: Additional Information

Please attach the following supporting documentation to this application:

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

  See Attachment 1 - Self Direct Project Overview and Commitment for a description of the project. See Attachment 6 – Supporting Documentation, for the specifications of the replacement equipment 10-1599-EL-EEC for the work papers that provide all methodologies, protocols, and practices used in this application for prescriptive measures, as needed. Due to the length of time since the equipment replacement, the make, model and year of the replaced equipment is not available.

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

  1) any confidentiality requirements associated with the agreement;

     See Attachment 2 – Self Direct Program Project Blank Application including Rules and Requirements. All confidentially requirements are pursuant to the Retrospective Projects/Rules and Requirements that are part of the signed application which is provided as Confidential and Proprietary Attachment 3 – Self Direct Program Project Completed Application.)

  2) a description of any consequences of noncompliance with the terms of the commitment;

     See Attachment 2 – Self Direct Program Project Blank Application including Rules and Requirements. All consequences of noncompliance are pursuant to the Retrospective Projects/Rules and Requirements that are part of the signed application which is provided as Confidential and Proprietary Attachment 3 – Self Direct Program Project Completed Application.

  3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;

     None required because the resources committed are permanent installations that reduce demand through increased efficiency during the Company's peak summer demand period generally defined as May through September and do not require specific coordination and

communication to provide demand reduction capabilities to the Company.

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,

   See Attachment 2 – Self Direct Program Blank Application including Rules and Requirements granting such permission pursuant to the Retrospective Projects/Rules and Requirements that are part of the signed application which is provided as Confidential and Proprietary Attachment 3 – Self Direct Program Project Completed Application.

5) a commitment by you to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.

   See Attachment 1 - Self Direct Project Overview and Commitment for the commitment to comply with any information and compliance reporting requirements imposed by rule or as part of the approval of this arrangement by the Public Utilities Commission of Ohio.

- 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.

  The Company applies the same methodologies, protocols, and practices to Self Direct Program retrospective projects that are screened and submitted for approval as it does to prospective projects submitted through its Prescriptive and Custom Programs. The Commission has not published a technical reference manual for use by the Company so deviations can not be identified. The project submitted is a prescriptive project and energy savings are determined as described in Confidential and Proprietary Attachment 5 - Self Direct Program Project Calculation, and 10-1599-EL-EEC for the work papers that provide all methodologies, protocols, and practices used in this application for prescriptive measures, as needed.

Ohio | Public Utilities Commission

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

Case No.: 18-0227-EL-EEC

State of Ohio :

R. SEKAR IYER, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

   DNV GL Energy Services USA Inc. agent of Ohio Power

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.

ENGINEER
Signature of Affiant & Title

Sworn and subscribed before me this 16th day of March, 2018 Month/Year

Signature of official administering oath

Dawn G. Irving / Notary
Print Name and Title

My commission expires on 9.3.2019

NOTARIAL SEAL STATE OF OHIO

DAWN G IRVING
NOTARY PUBLIC
STATE OF OHIO
Comm. Expires
September 03, 2019

AEP OHIO
A unit of American Electric Power

Self Direct Project Overview & Commitment

The Public Utility Commission of Ohio (PUCO) will soon review your application for participation in AEP Ohio's Energy Efficiency/Peak Demand Response program. Based on your submitted project, please select by initialing one of the two options below, sign and fax to 877-607-0740.

Customer Name	RITE AID HDQTRS. CORP	
Project Number	AEP-17-22131	
Customer Premise Address	2906 CLEVELAND AVE, CANTON, OH 44707-3624	
Customer Mailing Address	301 Plainfield Road Suite 310, Syracuse, NY 13212	
Date Received	11/10/2017	
Project Installation Date	4/6/2016	
Annual kWh Reduction	34,511	
Total Project Cost	$14,958.91	
Unadjusted Energy Efficiency Credit (EEC) Calculation	$3,722.44	
Simple Payback (yrs)	4.0	
Utility Cost Test (UCT) for EEC	4.30	
Utility Cost Test (UCT) for Exemption	0.08	
		Please Choose One Option Below and Initial
Self Direct EEC: 75%	$2,791.83	X Initial:
EE/PDR Rider Exemption	12 Months (with possible extension up to 144 months after PUCO Approval)	Initial:

Note: *This is a one time selection. By selecting EEC, the customer will receive payment in the amount stated above. Selection of EE PDR rider exemption, will result in the customer not being eligible to participate in any other energy efficiency programs offered by AEP Ohio during the period of exemption. In addition, the term of EE PDR rider exemption is subject to ongoing review for compliance and could be changed by the PUCO.*

If EEC has been selected, will the Energy Efficiency Funds selected help you move forward with other energy efficiency projects?

X YES ___ NO

Note: Exemptions for periods beyond 24 months are subject to look-back or true-up adjustments every year to ensure that the exemption accurately reflects the EEDR savings. Applicants must file for renewal for any exemption beyond 12 months.

Project Overview:

The Self Direct (Prescriptive and Custom) project that the above has completed and applied is as follows.
As part of major renovation of the facility, energy efficient HVAC units and LED lightings were installed

The documentation that was included with the application proved that the energy measures applied for were purchased and installed.

By signing this document, the Mercantile customer affirms its intention to commit and integrate the above listed energy efficiency resources into the utility's peak demand reduction, demand response, and energy efficiency programs. By signing, the Mercantile customer also agrees to serve as a joint applicant in any filings necessary to secure approval of this arrangement by the Public Utilities Commission of Ohio, and comply with any information and compliance reporting requirements imposed by rule or as part of that approval.

Ohio Power Company

By: _____

Title: Manager

Date: 2/9/2018

RITE AID HDQTRS. CORP

By: Robert D. Fazakerley

Title: VP Corporate and Retail Facilities

Date: 2/6/18

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APPLICATION GUIDELINES

All 2017 AEP Ohio Business Incentives Program projects must be completed and Final Applications received no later than November 10, 2017, in order to qualify for incentives identified in this application.

Step 1: Verify Eligibility

- ✓ Customer must have a valid AEP Ohio account.
- ✓ Equipment/measure must be installed at facilities served by the AEP Ohio account.
- ✓ Project must produce permanent reduction in electrical energy use (kWh).
- ✓ All installed equipment must meet or exceed the specifications in the application.
- ✓ **Please see the Terms and Conditions for Self-Direct or**
- ✓ **Terms and Conditions for all other programs for program eligibility and requirements.**

Step 2: Complete Applicant Information

- ✓ All fields in customer and project information sections must be completed.
- ✓ Solution Provider/contractor information must be completed if project is not self-performed.

Step 3: Complete the Incentive Worksheet(s)

- ✓ Find and read specifications related to the project.
- ✓ Ensure new equipment/measure meets or exceeds the specifications.
- ✓ Choose the incentive category on the worksheet based on the installed equipment and specifications.
- ✓ Complete all fields (fixture description, operating hours, etc.) on the related worksheet.

Step 4: Sign Customer Agreement

- ✓ Read the Terms and Conditions before signing and submitting the application.
- ✓ Sign Pre-Approval Agreement and submit the application to reserve funds.
- ✓ Sign Final Application Agreement and submit the application after the project is completed.
- ✓ Complete Third Party Payment Release Authorization ONLY if incentive payment is to be paid to an entity other than AEP Ohio customer listed on the Applicant Information page.

Step 5: Submit Pre-Approval Application[1]

(For Self-Direct applications, skip to Step 7)

- ✓ Submitting a Pre-Approval Application to determine qualification and reserve program funds for a project is strongly recommended.
- ✓ All Process Efficiency measures require pre-approval.
- ✓ Complete all fields for Pre-Approval Agreement section.
- ✓ **Pre-Approval Application must be submitted with:**
  - **Proposed scope of work (type and quantity of old and new equipment must be listed)**
  - **Specification sheets for all proposed equipment**
  - **W-9 form**
- ✓ Submit application via email, fax or mail.
- ✓ During the application review, an inspection may be required; the team will contact applicants requiring an inspection for scheduling.

Step 6: Complete Project

- ✓ New equipment must be installed and operational to submit a Final Application.

Step 7: Submit Final Application

- ✓ Submit a Final Application.
- ✓ Use the same application used during pre-approval (if applicable).
  - Change Application Type to Final Application
- ✓ Complete all fields for Final Application Agreement section.
- ✓ Update the application if there are any changes (customer contact, incentive measure, equipment, etc.).
- ✓ **Final Application must be submitted with:**
  - **Dated and itemized material invoice**
  - **External labor invoice (if applicable)**
  - **If Pre-Approval Application was not submitted, include the documents listed on Step 5**
- ✓ Submit application via email, fax or mail.
- ✓ During the application review, an inspection may be required; the team will contact applicants requiring an inspection for scheduling.

Additional steps are required for Self-Direct applications after application submission. Please see the Self-Direct Terms and Conditions for details.

AEP Ohio Business Incentives Program
445 Hutchinson Avenue, Suite 300
Columbus, Ohio 43235
877-541-3048 | aepohiosolutions@clearesult.com
Visit our website at AEPohio.com/solutions

[1]A Pre-Approval Application is not a guarantee of an incentive; the actual incentive will be based on the energy savings and equipment installed as determined in the Final Application. Funds are reserved for 90 days, unless an applicant is granted an extension. The program team reserves the right to contact the customer before the reservation expiration date to ensure that the project is moving forward. If the project is not underway, the reservation may be cancelled. Reserved funds are not transferable to other projects, facilities and/or customers. A waiting list will be established when funds become fully subscribed.

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CHECKLIST OF REQUIRED ATTACHMENTS

PRE-APPROVAL

- ☐ Completed Applicant Information Form
- ☐ Estimated Total Project Cost
- ☐ Estimated Completion Date
- ☐ Completed Incentives Requested Section of Application
- ☐ Applicable Incentive Worksheets
- ☐ Completed Third-Party Payment Release Authorization Section with W9 (optional)
- ☐ Signed Customer Agreement Form
- ☐ Equipment Speci ications
- ☐ Proposed Scope of Work
- ☐ W-9 (Customer's W-9 or 3rd party W-9, if applicable)

FINAL APPLICATION ONLY (NO PRE APP SUBMITTED)

- ☐ Completed Applicant Information Form
- ☐ Completed Incentives Requested Section of Application
- ☐ Applicable Incentive Worksheets
- ☐ Total Project Cost
- ☐ Completion date
- ☐ Completed and Signed Final Payment Agreement and Customer Agreement Forms
- ☐ Completed Third-Party Payment Release Authorization Section with W9 (optional))
- ☐ Itemized Invoices
- ☐ Equipment Speci ications
- ☐ Scope of Work
- ☐ W-9 (Customer's W-9 or 3rd party W-9, if applicable)

FINAL APPLICATION (IF PRE APP HAS BEEN SUBMITTED)

- ☐ Completed Applicant Information Form (optional)
- ☐ Assigned Project Number on Signature Page
- ☐ Total Project Cost
- ☐ Project Completion Date
- ☐ Completed and Signed Final Payment Agreement and Customer Agreement Forms
- ☐ Completed Third-Party Payment Release Authorization Section (optional)
- ☐ Itemized Invoices
- ☐ Updated Scope of Work (if there were changes from pre)
- ☐ Applicable Incentive Worksheets (if there were changes from pre)

AEP Ohio Business Incentives Program
445 Hutchinson Avenue, Suite 300
Columbus, Ohio 43235
877-541-3048 | aepohiosolutions@clearesult.com
Visit our website at AEPohio.com/solutions

Revised Submittal
Please complete below if this is a revised submittal.

Submittal date_____

AEP Project Number (if known) AEP - _ _ - _ _ _ _ _

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APPLICANT INFORMATION

AEP Application Number AEP - _ _ - _ _ _ _ _

Application Type (Select One)

Customer Information

Business Name _____

Name as It Appears on Utility Bill _____

AEP Ohio Account Number* at Project Site _____ Multiple AEP Ohio Account Numbers for this Project? (Select O

Taxpayer ID _____ - _____ W-9 Tax Status (Select One)

Contact Name _____ Contact Title _____

Mailing Address - where check will be sent

Mailing Address _____ City _____ State OH Zip _____

Phone _____ Ext. _____ Contact Email _____

How Did You Hear About the Program? (Select One) _____ AEP OH Energy Advisor _____

Project Information

Project Name (if applicable) _____

☐ Check if mailing address and project site address are the same.

Project Site Address _____ City _____ State OH Zip _____

Building Type (Select One) _____ Shift (Select One) _____

Annual Operating Hours _____ Building Area (sq. ft.) _____

Construction Type (Select One)

Does the facility have a data center? (Select One)

*Please only enter the first eleven digits of the account number.

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APPLICANT INFORMATION

Solution Provider/Contractor Information (If project is not self-performed by customer)

Contracting Company Name _____

Contact Name _____ Title of Contact _____

Mailing Address _____ City _____ State OH Zip _____

Phone _____ Ext. _____ Contact Email _____

Who should we contact with questions about the application? ☐ Customer ☐ Contractor

Primary Contact Information

Contact Name _____ Title of Contact _____

Phone _____ Ext. _____ Contact Email _____

INCENTIVE SUMMARY TABLE (THIS TABLE SELF-POPULATES FROM WORKSHEETS)

Incentive Category	Applied for Incentives	Applicable Self- Direct Incentives
Lighting		
HVAC		
Motors		
Motor Rewind		
Drives		
Compressed Air		
Refrigeration/Food Service		
Agriculture		
Miscellaneous		
Process Efficiency		
NC Lighting (SD Only)		
Total		

AEP Application Number AEP - __ - _____

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CUSTOMER AGREEMENT

Application Agreement

By signing this document, I agree to program requirements outlined in the measure specifications, Terms and Conditions for the applicable program and Final Application Agreement. As an eligible customer, I verify the information is correct and request consideration for participation under this program. Furthermore, I concur that I meet all eligibility criteria in order to receive payment under this program.

Link to Efficient Products for Business/Process Efficiency Terms and Conditions, and Final Application Agreement
Link to Self-Direct Terms and Conditions, and Final Application Agreement

☐ Pre-Application ☐ Final-Application

Project Completion Year (Select One) _____ **Self-Direct** _____

Project Completion Date _____ **Total Project Cost** _____

Date _____ **Total Applied for Incentive** _____

Total Requested Incentive[1] _____ **Total Self-Direct Requested Incentive**[2] _____

Print Name **AEP Ohio Customer Signature**

_____ _____

Third Party Payment Release Authorization (Optional, NOT APPLICABLE TO Self-Direct)

Complete this section ONLY if incentive payment is to be paid to an entity other than the AEP Ohio customer.

Make checks payable to: Company/Individual _____

Mailing Address _____ City_____ State OH Zip_____

Phone _____ Ext. _____

Taxpayer ID of 3rd Party ____ - _____ W-9 Tax Status _____

By signing this document, I authorize the payment of the incentive to the third party named above and understand that I will not receive the incentive payment from AEP Ohio. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the measure specifications, Terms and Conditions, and Final Application Agreement.

Print Name **Date** **Customer Signature (AEP Ohio Customer)**

_____ _____ _____

SUBMIT VIA EMAIL PRINT APPLICATION

[1]Incentives have a threshold of 50% of the project cost and total incentives paid to a threshold of $25,000 and Bid4Efficiency above that.
[2]Self-Direct incentives are 75% of Total Requested Incentive, after 50% of the project cost threshold and tiering is applied.

A

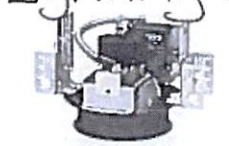
KR6-34L-35K-120V
Led 1 on comcheck
Fixture AA on Lighting Design

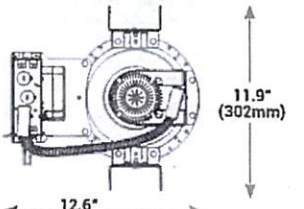
KR6™ Series

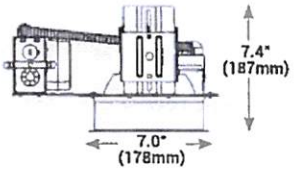
LED Specification Downlight – Round 6" Aperture

Product Description

The KR6™ LED specification downlight features Cree TrueWhite® Technology and delivers beautiful, high-quality light with efficacy up to 75 lumens per watt. Designed for new construction applications, the KR Series is available in variety of color temperatures, round and square trims with high-quality anodized aluminum reflector finishes, a sloped ceiling adapter and a variety of dimming options including Cree Sunset Dimming Technology providing rich, warm light that transitions from 2700K to 1800K as naturally as an incandescent source.







Performance Summary

Utilizes Cree TrueWhite® Technology

Made in the U.S.A. of U.S. and imported parts

Delivered Light Output: 683-6691 lumens; Delivered lumen output is typical when using a SSGC type reflector

Input Power: 13-104 Watts

Emergency Performance: Up to 1210 Lumens; 10W; Minimum 90 Minutes

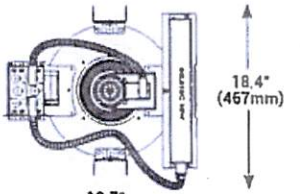
CRI: 90

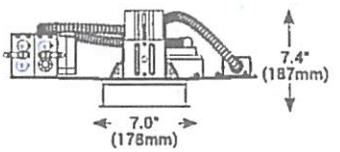
CCT: 2700K, 3000K, 3500K, 4000K

Dimming: Triac, 0/1-10V, Cree SmartCast™ Technology, Lutron EcoSystem® Dimming, Lutron® Forward Phase Dimming, See control availability chart on page 3

Limited Warranty*: 10 years on KR6™ luminiare/5 years on KR6 luminiare with Cree SmartCast™ Technology/1 year on emergency battery pack

Emergency Backup





Accessories

Field-Installed		
Sloped Ceiling Adaptor KRKS6••WW •• 0-35 (order in 5 degree increments)	**C-Channel Hanger Bars** RBH30C - Pair of 30" (762mm) rigid 3/4" x 1/2" (19mm x 13mm) C-Channel bars	**T-Bar Clips** RARC7 - Set of four
Control Module CIF-10VC1-CWC-SNSR - Cree SmartCast™ Technology with ambient light and motion sensors		**Trim Ring** KR6TA - White

Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately.
Example: Housing: KR6 20L 35K 120V 10V + Reflector: KR6T SSGC FF

Reflector (Housing must be ordered separately)			
KR6T			
Series	**Reflector Finish**	**Flange Finish**	**Options**
KR6T	SSGC Soft Satin Glow, Clear SSGCG Soft Satin Glow, Champagne Gold	FF Matches Reflector WF White Paint	WW Wall Wash

QUICK SHIP™

Click below to select Quick Ship products

For full list of Cree Quick Ship products visit www.cree.com/lighting/quickship

Housing (Reflector must be ordered separately)									
KR6									
Series	**Size**	**Reflector**	**Initial Delivered Lumens**	**Optic**	**CCT**	**Voltage**	**Controls**		**Options**
KR	6 6 inch	Blank Round	9L 13W, 683 Lumens - 53 LPW 13L 18W, 1060 Lumens - 59 LPW 20L 30W, 1664 Lumens - 55 LPW 30L 39W, 2545 Lumens - 62 LPW 40L 44W, 3337 Lumens - 76 LPW 60L 87W, 5265 Lumens - 60 LPW	Blank 70° Beam Angle (Standard)	27K 2700K - 9L thru 40L Only 30K 3000K 35K 3500K 40K 4000K	120V 120 Volts 277V 277 Volts 347V 347 Volts	Blank - For standard control offering refer to control availability chart on page 3 LES Lutron EcoSystem® Dimming - Refer to control availability chart on page 3	10V 0/1-10V Dimming - Refer to control availability chart on page 3 LFP Lutron Forward Phase Dimming - Refer to control availability chart on page 3	WD Sunset Dim - 9L and 13L @ 27K with Triac Dimming only 10R Cree SmartCast™ Technology•• EB7• Emergency Backup - Minimum 90 minutes - 120V, 277V only

34L Similar to AA

34L → Custom Rite Aid Fixture

* See www.cree.com/lighting/products/warranty for warranty terms
• Available for U.S. only
•• Not available in 40L and 60L

F

LS4-40L-35K-10V
Led 2 on Comcheck
Fixture E on Lighting Design

LS Series

LS4™ LED Surface Ambient Luminaire – 4'

Product Description

The LS4™ surface ambient luminaire delivers up to 109 lumens per watt of Cree TrueWhite® Technology 90+ CRI illumination. The 4' (1219mm) luminaire is available with up to 5000 lumens in 3500K, 4000K and 5000K color temperatures. The LS Series features sleek and compact architectural design with flexible lumen packages, color temperatures and standard 0–10V dimming. Flexible mounting of the LS Series allows for individual mount or continuous row applications for surface mount, suspended mount, pendant mount and cove installations.
Applications: Surface ambient applications for new construction and upgrade.

Performance Summary

Utilizes Cree TrueWhite® Technology

Delivered Light Output: 2500-5000 lumens

Input Power: 23-50 watts

Efficacy: 85-109 LPW

CRI: 90+ CRI

CCT: 3500K, 4000K, 5000K

Input Voltage: 120-277, 347 VAC, 60Hz

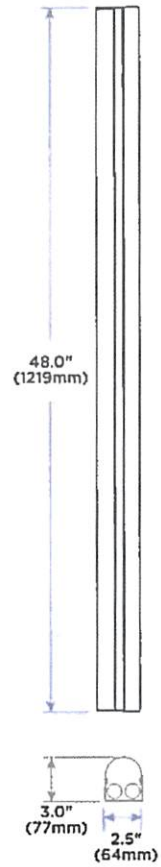
Limited Warranty[1]: 10 years on luminaire

Dimensions: L 48.0" (1219mm) x W 2.5" (64mm) x H 3.0" (77mm)

Weight: 5 lbs. (2.3kg)

Dimming: 0–10V dimming to 5%*

[1] See www.cree.com/lighting/products/warranty for warranty terms



Reflectors & Accessories

Field-Installed

Reflectors
- Refer to reflector spec sheet

Solid
LS4-SR
- Pair of reflectors

Apertured
LS4-AR
- Pair of reflectors

Joint Aligner
LS-RJ
- Top housing aligner for continuous rows

LS-RFLJ
- Reflector aligner for continuous row

Adjustable Cable Support Kits for T-Bar Applications
ACS-48-Q14B-TB
- Includes 5.0" (127mm) Canopy, 48.0" (1219mm) Adjustable Cable, Q14B Gripper and T-Bar Clip

Continuous Row Through Wiring Kit
LS4TWK
- Includes (3) #12AWG 54.0" (1372mm) Wires for Line (black), Neutral (white), Ground (green), (2) #18AWG 54.0" (1372mm) Wires for 0–10V dimming (purple, gray) and (10) Wire Nuts

Adjustable Cable Support Kits w/ Power Feeds
ACS-12/3-48-Q14B-JB
- Non-dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48" (1219mm) #12/3 SJT Cord, Q14B Gripper and J-Box Strap

ACS-18/5-48-Q14B-JB
- Dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/5 SJT Cord, Q14B Gripper and J-Box Strap

ACS-18/2-48-Q14B-JB
- For use with ACS-12/3-48-Q14B-JB for selective luminaire dimming control in row mounted luminaires
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/2 SVT Cord, Q14B Gripper and J-Box Strap

Ordering Information

Example: LS4-40L-35K-10V

LS4			10V		
Product	**Initial Delivered Lumens**	**CCT**	**Control**	**Voltage**	**Options**
LS4	25L 23W, 2500 lumens - 109 LPW 40L 44W, 4000 lumens - 90 LPW (120-277) 47W, 4000 lumens - 85 LPW (347V) 50L 50W, 5000 lumens - 100 LPW	35K 3500K 40K 4000K 50K 5000K	10V 0-10V dimming to 5%	Blank 120-277 Volt 34 347 Volts -Available with 40L only	EB14 Emergency Backup - Minimum 90 minutes - 1400 lumens - 120-277V only - Available in US only

* Reference www.cree.com/Lighting/Products/Indoor/Surface-Ambient/LS-Series for recommended dimming controls and wiring diagrams

D

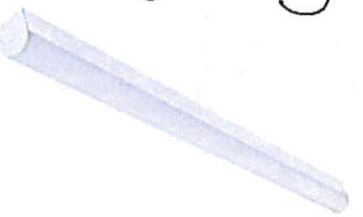
LS8-80L-35K-10V
Led 3 on Comcheck
Fixture D on Lighting Desig

LS Series

LS8™ LED Surface Ambient Luminaire – 8'

Product Description

The LS8™ surface ambient luminaire delivers up to 100 lumens per watt of Cree TrueWhite® Technology 90+ CRI illumination. The 8' (2438mm) luminaire is available with up to 10,000 lumens in 3500K, 4000K and 5000K color temperatures. The LS Series features sleek and compact architectural design with flexible lumen packages, color temperatures and standard 0–10V dimming. Flexible mounting of the LS Series allows for individual mount or continuous row applications for surface mount, suspended mount, pendant mount and cove installations.
Applications: Surface ambient applications for new construction and upgrade



Performance Summary

Utilizes Cree TrueWhite® Technology

Delivered Light Output: 8,000-10,000 lumens

Input Power: 88-100 watts

Efficacy: 89-100 LPW

CRI: 90+ CRI

CCT: 3500K, 4000K, 5000K

Input Voltage: 120-277, 347 VAC, 60Hz

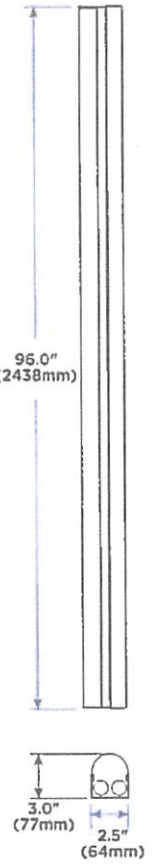
Limited Warranty[1]: 10 years on luminaire

Dimensions: L 96.0" (2438mm) x W 2.5" (64mm) x H 3.0" (77mm)

Weight: 10 lbs. (4.5kg)

Dimming: 0–10V dimming to 5%*

[1] See www.cree.com/lighting/products/warranty for warranty terms
* Reference www.cree.com/Lighting/Products/Indoor/Surface-Ambient/LS-Series for recommended wiring dimming controls and wiring diagrams



Reflectors & Accessories

Field-Installed

Reflectors
- Refer to reflector spec sheet

Solid
LS8-SR
- Pair of reflectors

Apertured
LS8-AR
- Pair of reflectors

Joint Aligner
LS-RJ
- Top housing aligner for continous rows

LS-RFLJ
- Reflector aligner for continous row

Adjustable Cable Support Kits for T-Bar Applications
AC5-48-Q14B-TB
- Includes 5.0" (127mm) Canopy, 48.0" (1219mm) Adjustable Cable, Q14B Gripper and T-Bar Clip

Continuous Row Through Wiring Kit
LS8TWK
- Includes (3) #12AWG 102.0" (2591mm) Wires for Line (black), Neutral (white), Ground (green), (2) #18AWG 102.0" (2591mm) Wires for 0-10V dimming (purple, gray) and (10) Wire Nuts

Adjustable Cable Support Kits w/ Power Feeds
AC5-12/3-48-Q14B-JB
- Non-dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48" (1219mm) #12/3 SJT Cord, Q14B Gripper and J-Box Strap

AC5-18/5-48-Q14B-JB
- Dimming applications
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/5 SJT Cord, Q14B Gripper and J-Box Strap

AC5-18/2-48-Q14B-JB
- For use with AC5-12/3-48-Q14B-JB for selective luminaire dimming control in row mounted luminaires
- Includes 5.0" (127mm) Cable Canopy, 48.0" (1219mm) #18/2 SVT Cord, Q14B Gripper and J-Box Strap

Ordering Information

Example: LS8-80L-35K-10V

LS8			10V		
Product	**Initial Delivered Lumens**	**CCT**	**Control**	**Voltage**	**Options**
LS8	80L 80W, 8000 lumens - 89 LPW (120-277V) 90W, 8000 lumens - 89 LPW (347V) 100L 100W, 10000 lumens - 100 LPW	35K 3500K 40K 4000K 50K 5000K	10V 0-10V dimming to 5%	Blank 120-277 Volt 34 347 Volts -Available with 80L only	EB14 Emergency Backup - Minimum 90 minutes - 1400 lumens - 120-277V only - Available in US only

A A1 AF1

ZR24-40L-35K-10V
Led 4 on Comcheck
Fixture A1 on Lighting Design

ZR Series

ZR24™ 2' x 4' LED Troffer

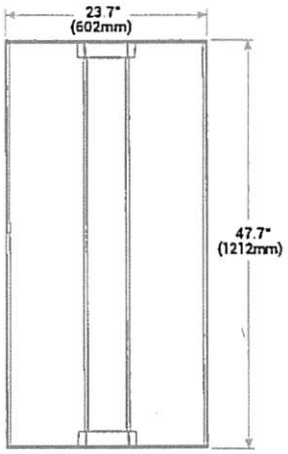
Product Description

The ZR24™ LED troffer delivers up to 5000 lumens of superior 90 CRI light quality and is perfect for both new construction and renovation. Powered by Cree TrueWhite® Technology, the slim and lightweight ZR24™ LED troffer boasts an efficacious 90-150 LPW performance along with 0-10V dimming to meet local energy codes. The ZR24™ LED troffer embodies a breakthrough in balancing energy savings, visual comfort and initial cost.

Performance Summary

- **Utilizes Cree TrueWhite® Technology (90 CRI) or available in 80 CRI**
- **Efficacy:** 90-150 LPW
- **Initial Delivered Lumens:** 4,000 or 5,000 lumens
- **Input Power:** 26-45 watts
- **CRI:** 90 CRI (Cree TrueWhite® Technology), 80+ CRI (FD)
- **CCT:** 3500K, 4000K, 5000K
- **Input Voltage:** 120-277 VAC or 347 VAC
- **Limited Warranty*:** 10 years
- **Controls:** 0-10V dimming to 5%
- **Mounting:** Recessed*

*See www.cree.com/lighting/products/warranty for warranty terms



Accessories

Field-Installed	
Drywall Grid Adapter DGA 24WHT **Surface Mount Kit** SMK ZR24 - Not for use with EB14	6' Flexible Power Whip PW 18/4 06 9T SS

Ordering Information

Example: ZR24-40L-35K-10V

ZR24				10V	
Product	**Initial Delivered Lumens**	**CCT**	**Voltage**	**Control**	**Options**
ZR24	40L 44W, 4000 Lumens - 90 LPW 40L HE 26W, 4000 Lumens - 150 LPW 50L 45W, 5000 Lumens - 111 LPW - Available with FD option only	35K 3500K - Available with 40L and 40L HE only 40K 4000K 50K 5000K - Available with 50L only	Blank 120-277 Volt 34 347 Volt - Available with 40L only	10V 0-10V dimming to 5%	EB14 Emergency Backup - 1400 lumens - Available on US versions only FD - Must order when 50L is selected - 80 CRI

* Acceptable for use with standard 9/16 T-Bar or larger when installed per installation instructions. Consult factory for non-standard grid applications

US: www.cree.com/lighting T (800) 236-6800 F (262) 504-5415

Canada: www.cree.com/canada T (800) 473-1234 F (800) 890-7507

1

LR6-10L-35K-120V

Led 5 on Comcheck
Fixture I on Lighting Design

LR6-10L

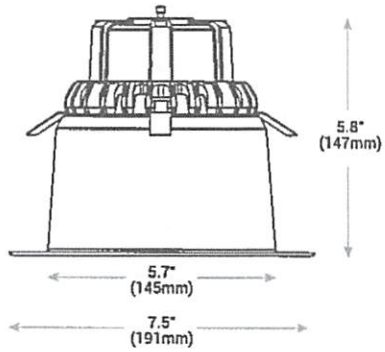
6" LED Downlight

Product Description

The LR6-10L LED downlight delivers 1000 lumens of exceptional 90+ CRI light while achieving 90 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology, with an integrated driver and thermal management design. The LR6-10L is available in warm or neutral color temperatures and has a variety of trim options. It easily installs into Cree six-inch GU24 housings or may be retrofitted with a GU24 whip adapter.
Applications: Commercial new construction and retrofit

Performance Summary

- Utilizes Cree TrueWhite® Technology
- Active Color Management
- **Delivered Light Output:** 1000 lumens
- **Input Power:** 11 watts
- **CRI:** 90
- **CCT:** 2700K, 3000K, 3500K, 4000K
- **Limited Warranty†:** 10 years
- **Lifetime:** Designed to last 50,000 hours
- **Dimming:** Dimmable to 5%•



Housing & Accessories

Reference Housing & Accessory documents for more details.

Trims	
LT6A-DR Diffuse anodized finish	LT6AB-DR Black anodized finish
LT6AW-DR Wheat diffuse anodized finish	LT6WH-DR Smooth white
LT6AP-DR Pewter diffuse anodized finish	LT6BB-DR Flat black finish trim and reflector

Housing (Edison or GU24)	
H6 Architectural	SC6 Cylindrical Surface Mount
RC6 New Construction	SC6-CM Cylindrical Cord Mount
RR6 Retrofit	SC6-WM Cylindrical Wall Mount

Ordering Information

Example: LR6-10L-35K-120V-A-DR

Click below to select Quick Ship products

QUICKSHIP™ LR6-10L-35K-120V-A-DR

For full list of Cree Quick Ship products visit www.cree.com/lighting/quickship

LR6	10L		120V	A	DR
Series	**Lumen Output**	**Color Temperature**	**Voltage**	**Version**	**Options**
LR6	10L 11W 1000 lumens - 90 LPW	27K 2700 Kelvin 30K 3000 Kelvin 35K 3500 Kelvin 40K 4000 Kelvin	120V 120 Volts - GU24 Base	A Version	DR Deep Recess - 20° Shield

• Reference www.cree.com/lighting for recommended dimmers
† See www.cree.com/lighting/products/warranty for warranty terms

F

CPY250ADMFAULWH
Led 6 on Comcheck
Fixture F on Lighting Design

CPY Series

CPY250™ LED Canopy/Soffit Luminaire

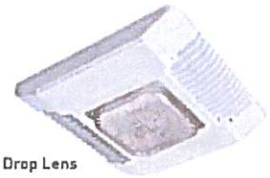
Product Description

The CPY250™ LED Canopy/Soffit Luminaire has an extremely thin profile constructed of rugged cast aluminum. It can be surface mounted easily from below the canopy deck and can be pendant mounted Direct imaging of the LEDs is eliminated with a highly efficient patterned flat or 0.91" (23mm) drop glass lens

Applications: Petroleum canopies, CNG fueling stations, low-medium bay general lighting, soffits

DM Mount

Flat Lens



Drop Lens

Performance Summary

Made in the U.S.A. of U.S. and imported parts

Initial Delivered Lumens: Up to 20,784

Efficacy: Up to 143 LPW

CRI: Minimum 70 CRI

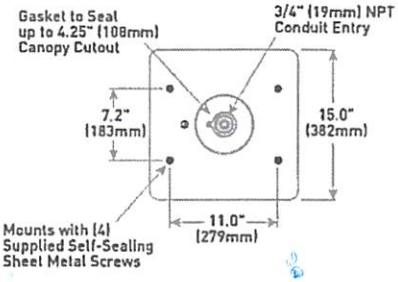
CCT: 4000K (+/- 300K), 5700K (+/- 500K) Standard

Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

IP66 Rated (Direct Mount only)

Class I, Division 2 Hazardous Location for select models

*See http://lighting.cree.com/warranty for warranty terms



Accessories

Field-Installed

Direct Mount Luminaires

Canopy Upgrade Kits (18 ga. steel)

XA-BXCCMW – for use with Jet-Philips, 21.60" (549mm) square
XA-BXCCNW – for use with Elsco Franciscan, 22.06" (560mm) square
XA-BXCCPW – for use with LSI Dakota or Mastera, 22.50" (572mm) square
XA-BXCCQW – for use with Whiteway Riviera or Rig-A-Lite, 20.80" (523mm) square
XA-BXCCRW – for use with Elsco Merrit, 18.06" (459mm) square
XA-BXCCSW – for use with LSI Richmond or Whiteway Civic, 23.00" (584mm) L x 13.00" (330mm) W

Direct Mount Junction Box/Stem Kit

XA-BXCCJBOX – 6.0" (152mm) H x 3/4" (19mm) NPT Stem
- Watertight
- Rated for feed through 8 (4 in, 4 out) #12 AWC conductors

Direct Mount Beauty Plates

XA-BXCCBPW – 26.17" (665mm) Beauty Plate Only (18 ga. steel)
XA-BXCCBPB12W – 26.17" (665mm) Beauty Plate (18 ga. steel) w/12" (305mm) Backer Plate (16 ga. steel)
- For use in canopies where deck opening is larger than what is required for mounting the CPY250 luminaire. Maximum deck opening 10.75" x 15" (183mm x 375mm)

XA-BXCCBPB16W – 26.17" (665mm) Beauty Plate (18 ga. steel) w/16" (406mm) Backer Plate (16 ga. steel)
- For use in canopies where deck opening is larger than what is required for mounting the CPY250 luminaire. Maximum deck opening 12" x 15" (305mm x 375mm)

Pendant Mount Luminaires

Pendant Mount Kits

XA-PS12KIT* – 5' (127mm) pendant
XA-PS18KIT* – 11' (279mm) pendant
XA-PS22KIT* – 15' (381mm) pendant
- Includes two conduit fittings and 3/4-14 NPT pipe threaded on two ends

Hand-Held Remote

XA-SENSREM
- For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

*Must specify color

Weight
12.5 lbs. (5.7kg)

Ordering Information

Example: CPY250-A-DM-D-A-UL-SV

CPY250	A						
Product	**Version**	**Mounting**	**Optic**	**Input Power Designator**	**Voltage**	**Color Options**	**Options**
CPY250	A	DM Direct PD Pendant	D 0.91" (23mm) Drop Lens F Flat Lens	A 82W B 96W C 43W D 140W E 145W	UL Universal 120-277V UH Universal 347-480V - Available with A, B, D, & E Input Power Designators only	BK Black BZ Bronze SV Silver WH White	**DIM 0-10V Dimming** - Available with B, D, & E Input Power Designators only - Control by others - Refer to Dimming spec sheet for details - Can't exceed wattage of specified Input Power Designator **HZ Class I, Div. 2 Hazardous Location Certification** - Not available with DIM, ML, NSF or PML options **ML Multi-Level** - Available with B, D, & E Input Power Designators only - Available with UL voltage only - Refer to ML spec sheet for details **NSF NSF 2 Certification** - Luminaires include NSF certification mark - Available with the DM mount only - Not available with the HZ, ML or PML options **PML Programmable Multi-Level** - Available with B, D, & E Input Power Designators only - Available with UL voltage only - Refer to PML spec sheet for details **40K 4000K Color Temperature** - Minimum 70 CRI - Color temperature per luminaire

AHRI CERTIFIED®
www.ahridirectory.org

Certificate of Product Ratings

AHRI Certified Reference Number: 8898037 Date: 9/15/2017 †Status: Active

Product: Year-Round Single-Package Air-Conditioner, Air-Cooled
Model Number: ZJ078[N,S](P,R,S,U,V,X)(2,4,5)*********
Manufacturer: YORK, UNITARY PRODUCTS GROUP - COMMERCIAL
Trade/Brand name: PREDATOR
Series name:

Rated as follows in accordance with the latest edition of AHRI 340/360 Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment or AHRI 365 Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Refrigerant Used:	R-410A
Hertz:	60
Cooling Capacity (Btuh):	75000/75000*
EER Rating (Cooling):	11.80/11.80*
IEER:	14.6/14.6*
Heating Capacity at 47F (Btuh):	
COP at 47F:	
Heating Capacity at 17F (Btuh):	
COP at 17F:	
Non-Certified Data:	
Full Load Indoor Coil Air Quantity:	2600

The AHRI 340/360 certified EER ratings in Btu/h/W are calculated under the same methodology as the EER ratings at T1 conditions of ISO 5151:2010 and ISO 13253:2011.

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE
we make life better™

CERTIFICATE NO.: 131499492833431049

AHRI CERTIFIED®
www.ahridirectory.org

Certificate of Product Ratings

AHRI Certified Reference Number: 8898056 Date: 9/15/2017 †Status: Active

Product: Year-Round Single-Package Air-Conditioner, Air-Cooled
Model Number: ZJ180[N,S](P,R,S,U,V,X)(2,4,5)********
Manufacturer: YORK, UNITARY PRODUCTS GROUP - COMMERCIAL
Trade/Brand name: SUNLINE MAGNUM
Series name:

Rated as follows in accordance with the latest edition of AHRI 340/360 Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment or AHRI 365 Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Refrigerant Used:	R-410A
Hertz:	60
Cooling Capacity (Btuh):	172000/172000
EER Rating (Cooling):	12.20/12.20
IEER:	14.0/14.0*
Heating Capacity at 47F (Btuh):	
COP at 47F:	
Heating Capacity at 17F (Btuh):	
COP at 17F:	
Non-Certified Data:	
Full Load Indoor Coil Air Quantity:	4500

The AHRI 340/360 certified EER ratings in Btu/h/W are calculated under the same methodology as the EER ratings at T1 conditions of ISO 5151:2010 and ISO 13253:2011.

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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Certificate of Product Ratings

AHRI Certified Reference Number: 8898058 Date: 9/15/2017 †Status: Active

Product: Year-Round Single-Package Air-Conditioner, Air-Cooled
Model Number: ZJ210[N,S](P,R,S,U,V,X)(2,4,5)********
Manufacturer: YORK, UNITARY PRODUCTS GROUP - COMMERCIAL
Trade/Brand name: SUNLINE MAGNUM
Series name:

Rated as follows in accordance with the latest edition of AHRI 340/360 Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment or AHRI 365 Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Refrigerant Used:	R-410A
Hertz:	60
Cooling Capacity (Btuh):	202000/202000
EER Rating (Cooling):	12.10/12.10
IEER:	14.0/14.0*
Heating Capacity at 47F (Btuh):	
COP at 47F:	
Heating Capacity at 17F (Btuh):	
COP at 17F:	
Non-Certified Data:	
Full Load Indoor Coil Air Quantity:	5800

The AHRI 340/360 certified EER ratings in Btu/h/W are calculated under the same methodology as the EER ratings at T1 conditions of ISO 5151:2010 and ISO 13253:2011.

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

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in

Case No(s). 18-0227-EL-EEC

Summary: Application Rite Aid # 2409 and Ohio Power Company for approval of a special arrangement agreement with a mercantile customer
electronically filed by Julie E Sanders on behalf of Ohio Power Company