Ohio | Public Utilities Commission

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

Case No.: 20-0174-EL-EEC

Mercantile Customer: **Neyer Prop 625 Eden Park Drive LLC**

Electric Utility: **Duke Energy**

Program Title or Description: **Parking Garage LED Upgrade**

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: Mercantile Customer Information

Name: **Neyer Prop 625 Eden Park Drive LLC**

Principal address: **2135 Dana Ave STE 200**
Cincinnati, OH 45207-1327

Address of facility for which this energy efficiency program applies:

625 Eden Park Dr
Cincinnati, OH 45202-6005

Name and telephone number for responses to questions:

Andrew Taylor, (317) 838-2096

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. (**Refer to Appendix A for 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)).

Replaced (252) 175w metal halide garage fixtures with 65w LED garage fixtures in July 2019.

□ 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): _____.

□ 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: 331,128 kWh
Refer to Appendix B for calculations and supporting document

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: _____kWh

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: _____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.

Annual savings: _____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?

The installation of new LED light fixtures was completed in July 2019.

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

16 kW
Refer to Appendix B for calculations and supporting documentation.

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 **$13,608. Refer to Appendix C for documentation.** (Rebate shall not exceed 50% project cost.

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 **8.92** (Skip to Subsection 2.) **Refer to Appendix D for calculations and supporting documents.**

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 **$238,052.**

The utility's program costs were **$13,081.**

The utility's incentive costs/rebate costs were **$13,608.**

Refer to Appendix D for calculations and supporting documents.

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.

28800815 02		
NEYER PROP		
625 EDEN PARK DR		
CINCINNATI, OH 45202-6005		
Date	Days	Actual KWH
10/23/2019	29	271,600
09/24/2019	32	323,819
08/23/2019	29	291,257
07/25/2019	30	298,705
06/25/2019	32	265,898
05/28/2019	29	228,877
04/25/2019	30	239,228
03/26/2019	31	256,913
02/25/2019	29	252,687
01/25/2019	34	285,908
12/26/2018	31	274,772
11/21/2018	29	246,870
Total		**3,236,534**

Appendix B - Neyer Properties Energy Savings Achieved

	Baseline Used			Post Project Actual				Savings	
	Description	Annual kWh	Summer Coincident kW	Description	Annual kWh	Summer Coincident kW	Hours of Operation	Annual kWh	Summer Coincident kW
ECM - 1	(252) 175w Metal Halide Garage Fixtures	474,617	54	(252) 65w LED Garage Fixtures	143,489	16	8,760	331,128	37.8

Notes: Energy consumption baseline, demand baseline and post project energy consumption basis are outlined in the following pages.

After consideration of line losses, total energy savings are **354,969 kWh** and **40.5 summer coincident kW**. These values may also reflect minor DSMore modeling software rounding error.

Appendix C -Cash Rebate Calculation

Neyer Properties Parking Garage LED Upgrade

Measure	Quantity	Cash Rebate Rate	Cash Rebate
Replaced (252) 175w Metal Halide Fixtures w/ (252) 65w LED Garage Fixtures	252	50% of incentive that would be offered by the Smart $aver Custom program	**$54**
			$13,608

Appendix D -UCT Value

Neyer Properties Parking Garage LED Upgrade

Measure	Total Avoided Cost	Program Cost	Incentive	Quantity	Measure UCT
VFD (Qty - 5)	$945	$52	$54	252	**8.92**
Totals	**$238,052**	**$13,081**	**$13,608**	**252**	

Total Avoided Supply Costs	$238,052	***Aggregate Application UCT***	***8.92***
Total Program Costs	$13,081		
Total Incentive	$13,608		

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

☒ Rebate is accepted. ☐ Rebate is declined.

By accepting this rebate, NEYER PROP 625 EDEN PARK DR LLC - 2880081502 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, NEYER PROP 625 EDEN PARK DR LLC - 2880081502 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, NEYER PROP 625 EDEN PARK DR LLC - 2880081502 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

Customer Signature	Printed Name	Date
	Eric Lindholm	1/2/20

Proposed Rebate Amounts

Measure ID	Energy Conservation Measure	Proposed Rebate Amount
ECM-1	Replaced (252) 175w MH w/ (252) 65w LED Park Garage Fixtures	$54.00 per fixture X 252
	Total	**$13,608.00**

Ohio | Public Utilities Commission

(Mercantile Customers Only)

Application to Commit
Energy Efficiency/Peak Demand Reduction Programs

Case No.: ____-____-EL-EEC 20-0174-EL-EEC

State of Ohio :

Eric Lindholm, **Affiant, being duly sworn according to law, deposes and says that:**

1. I am the duly authorized representative of:

Meyer Prop 625 Eden Park Dr 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 offines 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.

Project Mgr.
SIGNATURE OF AFFIANT & TITLE

Sworn and subscribed before me this 2nd (DAY) day of January (MONTH), 2020 (YEAR)

Carol A. Higgins
SIGNATURE OF OFFICIAL ADMINISTERING OATH

CAROL A. HIGGINS, HR. ADMINISTRATOR
PRINT NAME AND TITLE

My commission expires on Sept. 30, 2023
DATE

NOTARY PUBLIC STATE OF OHIO

CAROL A. HIGGINS
Notary Public, State of Ohio
My Commission Expires
September 30, 2023

Smart $aver® Incentive Program
phone: 866.380.9580
fax: 980.373.9755
customprocessing@duke-energy-energyefficiency.com

12/30/2019

Eric Lindholm
NEYER PROP 625 EDEN PARK DR LLC - 2880081502
625 EDEN PARK DR
CINCINNATI OH 45202-6005

Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate CMO19-0000166445

Dear Eric Lindholm,

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page 2, a total rebate of $13,608.00 has been proposed for your projects completed in the 2019 calendar years. **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 2
- completing the PUCO-required affidavit on Page 3

Please return the documents to my attention via fax at 513.629.5572 or email to customprocessing@duke-energy-energyefficiency.com. Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

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 $aver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Andrew Taylor
Program Manager
Custom Incentives

cc: Brett Weber
Matt Schamer

Smart $aver® Incentive Program
phone: 866.380.9580
fax: 980.373.9755
customprocessing@duke-energy-energyefficiency.com

12/30/2019

Eric Lindholm
NEYER PROP 625 EDEN PARK DR LLC - 2880081502
625 EDEN PARK DR
CINCINNATI OH 45202-6005

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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 $aver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Andrew Taylor
Program Manager
Custom Incentives

cc: Brett Weber
Matt Schamer

Proposed Rebate Amounts

Measure ID	Energy Conservation Measure	Proposed Rebate Amount
ECM-1	Replaced (252) 175w MH w/ (252) 65w LED Park Garage Fixtures	$54.00 per fixture X 252
	Total	**$13,608.00**

Mercantile Self Direct
Nonresidential Custom Rebate Application
PART 1

Ohio Mercantile Self Direct Program

Application Guide and Cover Sheet

Questions? Call 866.380.9580 or visit 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. You may also fax to 513.629.5572.

Mercantile customers, defined as using at least 700,000 kilowatt-hours (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
2880-0815-02-0	2,322,547		

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart $aver® 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 $aver 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:

☑ All sections of appropriate application(s) are completed	☑ Proof of payment.*	☑ Manufacturer's Spec sheets	☐ Energy model/calculations and detailed inputs for Custom applications

*If a single payment record is intended to demonstrate the costs of both Prescriptive and Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

Mercantile Self Direct
Nonresidential Custom Rebate Application
PART 1

DUKE ENERGY®

**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.

Application Type	Prescriptive Measures with Optional Custom Processing	
Heating and Cooling and Window Films, Programmable Thermostats, and Guest Room Energy Management Systems	☐ ENERGY STAR® Window/Sleeve/Room AC ☐ Central Air Unit	☐ Air Source Heat Pump Water Heater
	☐ Setback/Programmable Thermostat ☐ Guestroom Energy Management Control	☐ Window Film
Chillers	☐ Air Cooled Chiller	☐ Water Cooled Chiller
Motors, Pumps and Variable Frequency Drives (VFDs)	☐ VFD – applied to Process Pump ☐ VFD – applied to HVAC Pump	☐ VFD – applied to HVAC Fan
Food Service	☐ ENERGY STAR Hot Food Holding Cabinet ☐ Night Covers for Display ☐ ECM Cooler, Freezer, and Display Case Motors ☐ ENERGY STAR Solid or Glass Door Reach-in Freezer or Refrigerator	☐ Anti-Sweat Heater Control ☐ Cooking Equipment ☐ ENERGY STAR Ice Machine
Process Equipment	☐ Engineered Nozzle – Compressed Air ☐ Air Compressor Equipped with VFD	☐ Pellet Dryer Duct Insulation
Chiller Tune-ups	☐ Air Cooled Chiller tune-up	☐ Water Cooled Chiller tune-up

Please indicate above any Prescriptive energy conservation measures to be evaluated through the Custom process. Only Prescriptive measures listed above are eligible for this option. To receive a Self Direct Custom rebate, a detailed analysis of pre-project and post-project energy usage and project costs must be included in the application.

Although some Self Direct Prescriptive measures are eligible for evaluation through Custom processes, such an approach may not be most effective for certain measures.

Mercantile Self Direct
Nonresidential Custom Rebate Application
PART 1

Proposed energy efficiency measures may be eligible for Self Direct Custom rebates if they clearly reduce electrical consumption and/or demand as compared to the appropriate baseline.

Before you complete this application, please note the following important criteria:

- Submitting this application does not guarantee a rebate will be approved.
- Rebates are based on electricity conservation only.
- Electric demand and/or energy reductions must be well documented with auditable calculations.
- Incomplete applications cannot be reviewed; all fields are required.

Refer to the complete list of Instructions and Disclaimers, beginning on page 6.

Notes on the Application Process

If you have any questions concerning how to complete any portion of the application or what supplementary information is required, please contact your Duke Energy Ohio, Inc. account manager or the Duke Energy Self Direct team at 866.380.9580.

Every application must include calculations of the baseline electrical usage and the electrical usage of the proposed high-efficiency equipment/system. These calculations are performed and submitted by the Duke Energy Ohio customer, or your designated equipment vendor / engineer. Application Part 2 worksheets and page 6 of this application contain additional guidance on acceptable calculations. *Complex or unique projects may require the use, at the applicant's expense, of modeling software.* Please contact the Duke Energy Self Direct team with questions about these requirements.

If you do not receive an acknowledgement email within 1 day of submitting an application via online, email, or fax, please call 866.380.9580. The acknowledgement email will provide with an estimated response time based on an initial assessment of your application. The application review may include some communication to resolve any questions about the project or to request additional information. Applications that are received complete without missing information have a faster review time.

There are two ways to submit your completed application form and excel worksheets.

Email: Complete, sign, scan and send this application form and attachments to:
SelfDirect@duke-energy.com (note attachment size limit is applicable)

Fax: 513.629.5572

Mercantile Self Direct
Nonresidential Custom Rebate Application
PART 1

DUKE ENERGY®

1. Contact Information (Required)

Duke Energy Customer Contact Information[1]						
Company Name (as it appears on your bill)	Neyer Properties, Inc. 625 Eden Park Dr. LLC					
Address	2135 Dana Ave, Suite 200					
City	Cincinnati	State	Ohio	ZIP Code	45207	
Project Contact	Eric Lindholm					
Office Phone		Mobile Phone	513-317-5158			
Email Address	elindholm@neyer1.com					

Equipment Vendor / Contractor / Architect / Engineer Contact Information						
Company Name	Seco Electric Co. Inc.					
Address	350 Pike Street					
City	Covington	State	KY	ZIP Code	41011	
Project Contact	Matt Schamer					
Office Phone		Mobile Phone	859-491-2984			
Email Address	matts@secoelectric.net					

Who is the primary point of contact for technical questions?[2]	Eric Lindholm

Payment Information					
If an incentive is awarded, who should receive payment?[3] ☑ Customer ☐ Vendor* (customer or customer's agent[4] must sign below) *If the payee is the vendor, they must issue a credit in the amount of the incentive to the customer on the invoice and include it with the payment request.					
Tax ID Number for Payee (provide W-9)	46-1524009				
Mailing Address for Payee (if different from above)					
Street					
City		State		ZIP Code	

[1] Provided customer information should match the Duke Energy customer of record and W-9 form provided with this application. If the customer entity is a business affiliate of the Duke Energy customer of record, documentation must be provided that demonstrates the business affiliation.

[2] Note that if the vendor is the primary point of contact, the customer will still be copied on all application correspondence. If the customer does not wish to be copied, the customer must provide a signed letter of authorization on customer letterhead indicating an entity is acting as an agent for the customer. Duke Energy does not act as an agent.

[3] If payment is to be made to an entity other than the Duke Energy account holder or the vendor, a payment waiver is required and will be provided for customer signature.

[4] If an outside agent is acting on behalf of the Duke Energy customer of record, a letter of authorization on customer letterhead and signed by an authorized employee of the customer must be provided.

2. Project Information (Required)

A. Please indicate project type:
- ☐ New construction
- ☐ Expansion at an existing facility (existing Duke Energy account number)
- ☐ Replacing equipment due to equipment failure
- ☑ Replacing equipment that is estimated to have remaining useful life of two years or less
- ☐ Replacing equipment that is estimated to have remaining useful life of more than two years
- ☐ Behavioral, operational and/or procedural programs/projects

B. Please describe your project, or attach a detailed project description that describes the project.

See attached Scope of work

C. When did you start and complete implementation?
Start date / (mm/yyyy) End date / (mm/yyyy)

March 2019 - July 2019 (03/2019 - 07/2019)

D. Are you also applying for Self Direct Prescriptive rebates and, if so, which one(s)[5]?

No

E. Please indicate which worksheet(s) you are submitting for this application (check all that apply):
- ☑ Lighting
- ☐ Variable Frequency Drive (VFD)
- ☐ Compressed Air
- ☐ Energy Management System (EMS)
- ☐ General (for projects not easily submitted using one of the above worksheets)

F. List all assumptions about the baseline and proposed equipment energy use and operation schedule, or attach a document listing that information. Attach specification sheets for all proposed new equipment.

G. Attach a supplier or contractor invoice(s) and/or other equivalent information documenting the Implementation Cost for each project listed in your application.
Does the Implementation Cost include any internal labor[6]?
If yes, please specify which costs are internal labor.

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[5] If your project involves some equipment that is eligible for prescriptive rebates and some equipment that is likely eligible for custom rebates, and if it is feasible to separate the equipment for the energy analysis, then the equipment will be evaluated separately. If it is not feasible to separate the equipment for analysis, then the equipment will be evaluated together in the custom application.
[6] Internal labor costs cannot be counted in the Incremental Project Cost for purposes of analysis.

3. Attestation, Terms and Conditions, and Signature (Required)

Attestation

By signing below, I agree to the following:

I, **(INSERT NAME)** Eric Livoholm, do hereby consent to Duke Energy Ohio, Inc. disclosing my Duke Energy Ohio, Inc. Account Number and Federal Tax ID Number to its subcontractors solely for the purpose of administering Duke Energy Ohio's Mercantile Self Direct Program. I understand that such subcontractors are contractually bound to otherwise maintain my Duke Energy Ohio Inc. Account Number and Federal Tax ID Number in the strictest of confidence.

I have read and agree to the below Terms and Conditions of the Duke Energy Ohio's Mercantile Self Direct Program.

I certify that I meet the eligibility requirements of the Duke Energy Ohio's Mercantile Self Direct Program, as applicable, and that all information provided within my application is correct to the best of my knowledge.

I certify that the taxpayer identification number provided in my application is current and correct. I am not subject to backup withholding because: (a) I am exempt from backup withholding; or (b) I have not been notified by the 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. I am a U.S. citizen (includes a U.S. resident alien).

Instructions/Terms/Conditions

Note: Please keep for your records

1. Energy service companies or contractors may assist in preparing the application, but an authorized representative of the customer must sign this application to be eligible to participate in the Mercantile Self Direct Program. Completion of this application does not guarantee the approval of a Self Direct Custom Rebate.

2. Once all documentation requested in this application is received by *Duke Energy Ohio, Inc.,* and any follow-up information requested by *Duke Energy* is received, the rebate amount for each Energy Conservation Measure (ECM) will be communicated to the customer. The rebate amount will be based on ECM energy savings and ECM incremental installation cost.

3. All rebates require approval by the Public Utilities Commission of Ohio (PUCO). *Duke Energy Ohio, Inc.* will submit an application for rebate on the customer's behalf upon customer attestation to program terms, conditions and requirements as outlined in the rebate offer letter and upon customer completion of attestation documents required by the Public Utilities Commission of Ohio.

4. *Duke Energy Ohio, Inc.* will issue a Self Direct Custom Rebate check, based on the approved rebate amount for each ECM, upon receiving approval from the PUCO. *Duke Energy* Ohio, Inc. does not guarantee PUCO approval.

5. With the application, the customer must provide a list of all sites where the ECMs were installed. *Duke Energy Ohio, Inc.* requests that sites of similar size, hours of operation and energy consuming characteristics be grouped together in one application for the determination of the rebate amount. The application should identify the site where each unique ECM was installed.

6. Based on the information submitted with the application and the information gathered both before and after the initial installation of the ECM, *Duke Energy Ohio, Inc.* will calculate the rebate amount for each ECM.

7. *Duke Energy Ohio, Inc.* may conduct random site inspections of a sample of the locations where the ECMs are installed to verify installation and operability of the ECMs and to obtain information needed to calculate the Approved Rebate Amount.

8. Customers are encouraged to retain copies of all forms, invoices and supporting documentation for their records.

9. Approved rebates are valid for six months from the date communicated to the customer by *Duke Energy Ohio, Inc.*, subject to the expiration of measure eligibility based on project completion dates and application submission deadlines as defined by PUCO. Customers are encouraged to execute their rebate offer contracts and PUCO-required affidavits promptly to ensure eligibility is not forfeited.

10. *Duke Energy Ohio, Inc.* reserves the right to recover all unrecoverable costs associated with the project approval if the customer decides not to execute the rebate contract, after the project is approved by *Duke Energy Ohio, Inc.*

11. Projects financially supported by other funding sources will be evaluated on a case-by-case basis for potential partial funding from *Duke Energy Ohio, Inc.*

12. Participants must be *Duke Energy Ohio, Inc.* nonresidential, mercantile customers with the project sites in the *Duke Energy Ohio, Inc.* service territory.

13. Customers or trade allies may not use any *Duke Energy* logo without prior written permission.

14. Only trade allies registered with *Duke Energy* are eligible to participate.

15. All equipment must be new. Used or rebuilt equipment is not eligible for rebates. All old existing equipment must be removed on retrofit projects.

16. Unless used for decorative purposes only, all LED lighting products must be present on a current Design Lights Consortium (DLC) or Energy Star qualified product list.

17. Disclaimers: *Duke Energy Ohio, Inc.*
    a. does not endorse any particular manufacturer, product or system design within the program;
    b. will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates;
    c. does not expressly or implicitly warrant the performance of installed equipment (contact your contractor for details regarding equipment warranties);
    d. is not responsible for the proper disposal/recycling of any waste generated or obsolete or old equipment as a result of this project;
    e. 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; and
    f. reserves the right to change or discontinue this program at any time. The acceptance of program applications is determined solely by *Duke Energy Ohio, Inc.*

CUSTOMER SIGNATURE REQUIRED

By signing below, I certify that I have read and agree to the above Mercantile Self Direct Attestation and Terms and Conditions.

Customer Signature			
Print Name	Eric Lindholm	Date	10/25/19

TRADE ALLY SIGNATURE (REQUIRED ONLY IF TRADE ALLY IS PAYEE)

By signing below, I certify that I have read and agree to the above Mercantile Self Direct Attestation and Terms and Conditions.

Trade Ally Signature			
Print Name		Date	

CUSTOMER – AUTHORIZATION TO DESIGNATE TRADE ALLY AS PAYEE

If an incentive is awarded and the customer would like to authorize payment to the trade ally, the customer must sign below to allow release of their incentive to the trade ally.

Required: Final invoice from trade ally to customer must show the incentive credited to the customer. If the itemized invoice does not reflect a deduction of the incentive amount, the payee will be changed to the customer.

Customer Signature			
Print Name		Date	

EXHIBIT A

Baldwin Garage
625 Eden Park Drive
Cincinnati, Ohio

Scope of Work
March 11th, 2019

LED Fixture Conversion

General Scope Includes:
LED Lighting Conversion for the garage canopy fixtures; installation of (252) light fixtures.

This scope of work is not intended to be all inclusive of all steps required to perform the work or all the materials, equipment, methods and means required to accomplish the work. It is the responsibility of the contractor to determine all of the above so that they can provide the intended final product, and can guarantee its performance.

1. Provide for the agreed upon lump sum amount all necessary labor, material, tools, equipment, hoisting equipment, crane, insurance, taxes, proper supervision, etc. to furnish and install in a safe workmanlike manner and in accordance with the plans and manufacturer's specifications.
2. All wages, overtime, taxes and costs relating to equipment, materials, shipping, storage, fuel, per-diems, lodging and travel incurred by the contractor during execution of this scope of work are the sole responsibility of the contractor and have been realized in the contract amount.
3. Contractor to provide onsite supervision at all times.
4. The contractor is expected to maintain the schedule and work additional time, as needed, at no additional cost to the owner in order to make up for time lost due circumstances under the contractor's scope of responsibility. The contractor is responsible for overtime which may be required to facilitate working around the operations of a business during a renovation project or is dictated by good construction means and methods which are standards of the work required under this contract.
5. Work to be scheduled during normal business hours.
6. Contractor may, at its discretion, choose to accelerate the overall project schedule, or make up time lost to weather or circumstances outside the contractor's control. The owner must agree in writing to accepting any overtime costs related to this project.
7. Delivery unloading and unloading of all required materials and equipment are included. Delivery of all materials is F.O.B. job site. All materials, equipment, etc.

shall be ordered immediately upon award of contract. Contractor shall coordinate all access to the site and all staging/storage of materials on site with owner representative. Owner reserves the right to require the contractor to relocate materials as needed.

8. Examine and verify that all substrates are in conformance with requirements and tolerance affecting the performance of this work. Start of work implicitly implies acceptance of substrate.
9. All work considered typical to the completion of contractor's scope unless specifically excluded in the contract documents by an owner representative, will be the responsibility of signatory contractor.
10. The contractor is responsible for the electrical hook-ups and connections of temporary equipment that does not connect to the receptacle panel through a standard 110-volt plug.
11. The contractor shall clean their work area daily to remove all construction debris.
12. Installation of all work shall be directed by owner representative and coordinated with other trades.
13. Contractor is responsible to maintain a safe work environment for their employees and building tenants. Contractor must meet all OSHA requirements and shall supply any and all safety equipment including but not limited to, barriers, fall protection, safety cable etc.
14. Reference light fixture plans dated 1/17/19 per Neyer Properties.
15. Contractor to provide 12 month labor warranty and a 5 year fixture warranty.
16. Owner to provide (252) 65 Watt LED Neu-Tech LED Slim Canopy Light Fixtures. WSD-CP65W27-XXK-Z-M (with curved clear lens).
17. Contractor to provide schedule and phases plan for installation to Owner's Rep.
18. Contractor to attend pre-construction meeting to review schedule with Owner's Rep. and Property Team.

Demolition

1. Contractor to Remove and dispose of existing fixtures in dumpster supplied by owner.
2. Contractor will supply, inventory, store, place and protect all materials required to complete all tasks typically related to demolition, as it pertains to Building Improvement, set forth in plans.
3. Contractor responsible to make electric safe.

Division 16 Electrical

1. Install a complete, approved, functional, and operating lighting system including power distribution systems in compliance with all applicable building and electrical codes, and building code official requirements.

2. Contractor to furnish and provide electrical connections, wiring and other necessary electrical components including all necessary wiring for a complete project that meets current code requirements and manufacturer requirements.
3. Contractor to install (252) owner supplied light fixtures per plans and manufacturer specifications.
4. Fixtures to be installed for a full clearance of 86" from bottom of fixture to top of deck below.
5. Contractor to furnish and install (252) new fixture stems meeting the above referenced fixture heights.
6. Contractor to provide own lift as necessary for installation of fixtures.

Additional Work

1. Additional wiring to make missing fixtures operational will be based on a T&M basis.
2. Electrician rates are $78/hour
3. OH&P to be 10% on materials
4. Contractor to notify owner of additional costs being necessary

NEU-TECH,LLC

1 LEXINGTON CIRCLE
TERRACE PARK, OH 45174

Invoice

Date	Invoice #
12/10/2018	3954

Bill To	Ship To
Neyer Properties 2135 Dana Ave. Cincinnati, OH 45207 attn: Eric Lindholm	Neyer Properties 2135 Dana Ave. Cincinnati, OH 45207 attn: Eric Lindholm

P.O. Number	Terms	Rep	Ship	Via	PROJECT
		BN			Baldwin Bldg.

Quantity	Item Code	Description	Price Each	Amount
94	WSD-CP65W27-50K	LED Canopy - 65W, 100-277V, 8200lm - 5000K **Installation provided and billed through Seco Electric THANK YOU FOR YOUR ORDER!	135.00	12,690.00T

Remittance - Neu-Tech LLC. P.O. Box 14 - Terrace Park, OH 45174

Sales Tax (7.0%)	$888.30
Total	$13,578.30
Payments/Credits	$0.00
Balance Due	$13,578.30

E-mail
todd@retrofitled.net

NEU-TECH,LLC

1 LEXINGTON CIRCLE
TERRACE PARK, OH 45174

Invoice

Date	Invoice #
4/15/2019	4057

Bill To	Ship To
Neyer Properties 2135 Dana Ave. Cincinnati, OH 45207 attn: Eric Lindholm	Neyer Properties 2135 Dana Ave. Cincinnati, OH 45207 attn: Eric Lindholm

P.O. Number	Terms	Rep	Ship	Via	PROJECT
	Due @ Deleivery	BN	4/15/2019		Baldwin Bldg.

Quantity	Item Code	Description	Price Each	Amount
160	WSD-CP65W27-50K	LED Canopy - 65W, 100-277V, 8200lm - 5000K TERMS: PAYMENT ON RECEIPT OF PRODUCT THANK YOU FOR YOUR ORDER!	115.00	18,400.00T

Remittance - Neu-Tech LLC. P.O. Box 14 - Terrace Park, OH 45174

Sales Tax (7.0%)	$1,288.00
Total	$19,688.00
Payments/Credits	$0.00
Balance Due	$19,688.00

E-mail
todd@retrofitled.net

NEU-TECH,LLC

1 LEXINGTON CIRCLE
TERRACE PARK, OH 45174

Invoice

Date	Invoice #
7/15/2019	4112

Bill To	Ship To
Neyer Properties 2135 Dana Ave. Cincinnati, OH 45207 attn: Eric Lindholm	Baldwin Building 625 Eden Park Dr. Cincinnati, OH 45202 attn: Eric Lindholm

P.O. Number	Terms	Rep	Ship	Via	PROJECT
	Due @ Deleivery	BN	7/16/2019	UPS	Baldwin Bldg.

Quantity	Item Code	Description	Price Each	Amount
3	WSD-CP65W27-50K	LED Canopy - 65W, 100-277V, 8200lm - 5000K 1Z1279FY0358510490 THANK YOU FOR YOUR ORDER!	115.00	345.00T

Remittance - Neu-Tech LLC. P.O. Box 14 - Terrace Park, OH 45174

Sales Tax (7.0%)	$24.15
Total	$369.15
Payments/Credits	$0.00
Balance Due	$369.15

E-mail
todd@retrofitled.net

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jerry@retrofitled.net 513-702-3533

65W LED Slim Canopy Light

■ Product Pictures

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V.
- Die cast aluminium cooling design,high quality and better cooling for LED Tj < 85℃.
- Excellent Optics design, greatly improve the light utilization and evenness.
- **Motion Sensor Available (Option)**

LUMILEDS The Brighter Choice

5 YEAR WARRANTY

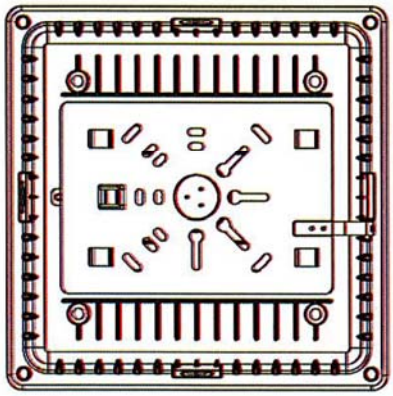
DLC QPL LISTED

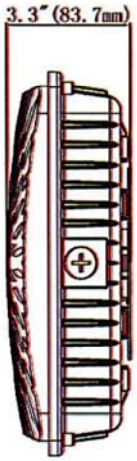
■ Product Applications

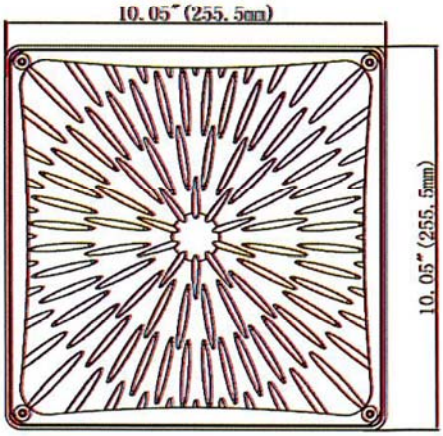
Neu-Tech LED SLIM CANOPY Lighting series can be widely used in indoor or outdoor lighting（Wet location）, like parking garage, mechanical or electronic processing workshops, storage warehouses, steel mills, gas stations, toll booth, waiting rooms, the platforms of railway station , indoor stadiums and flower cultivating tents etc.

■ Structure Features

- **Shell materials: Aluminum &PC .**
- **Finish: Dark Bronze/White**
- **Net weight:** 3.80kgs （8.50 lbs） Unit: inch(mm)







65W LED Slim Canopy Light

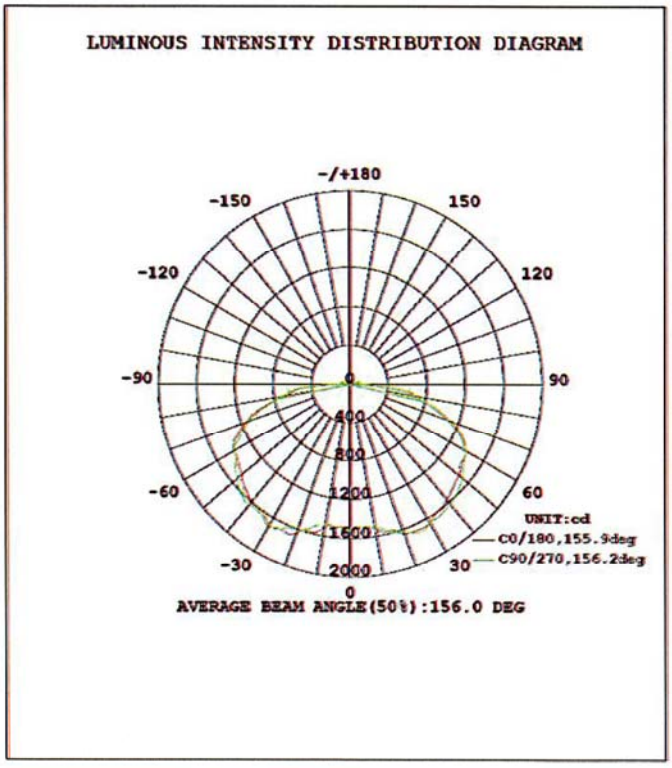
■ Technical Parameters

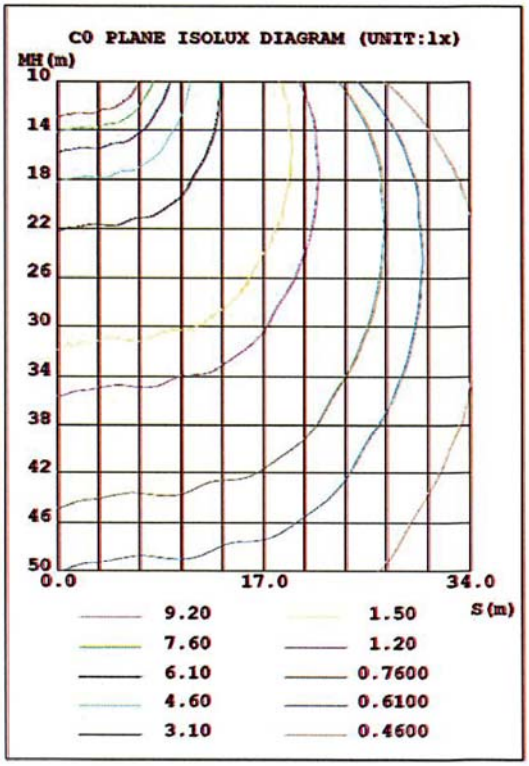
Type	WSD-CP65W27-XXK-Z-M		
Power	65W	Lighting Angle	150°
Input Voltage	AC120-277V	LED Brightness Decay	<5%/6000 hrs
PF	>0.95	Working Life	>50000 hrs
Driver Efficiency	>90%	Working Temperature	-30 - +45℃
Luminous Flux	8200 Lm	Storage Temperature	-40 -+80℃
Color Temperature	3000K/4000K/5000K/5700K	Protection Level	Wet Location/IP65
CRI	Ra>80	Cable	Input Connect, No cable

Remark: "Z" may be D or W represented color,

"M" may be Motion Sensor.

■ Light Distribution Curve (Clear Lens)





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■ ORDERING INFORMATION:

EXAMPLE: WSD-CP 65W 27-50K-D-M

WSD	CP	65W	27	50K	D	M
Company	Product	Power	Voltage	Color Temp	Finish	Control
Neu-Tech	CP Canopy	45W(45W) 65W(65W)	27 AC120-277V	30K (3000K) 40K (4000K) 50K (5000K) 57K (5700K) ± 500K	D Dark Bronze W White	10V Diming 1-10V M Motion Sensor

■ Product Certifications

■ Contact Us:

Neu-Tech Energy Solutions

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Preliminary Energy Analysis

10/25/2019

KWh Rate	0.0682	Assumed Utility Rate

Location	Existing Lighting System	Current Fixt Qty	Fixt Watts	Annual Burn Hours	KW	Kwh/YR	Annual Energy Cost	Proposed Lighting System	Proposed Fixt Qty	Fixt Watts	Total Watts	Annual Burn Hours	KW	Kwh/YR	Total Watts Saved	Annual Energy Costs	Annual Energy Savings
Garage																	
Base Bid	MH175	94	204	8,760	19.176	167,981.76	$ 11,456.36	WSD-CP65W27-XXK-Z-M	94	65	6,110	8,760.00	6.11	53,524	13,066	$ 3,650.31	$7,806.05
Base Bid	MH175	158	204	8,760	32.232	282,352.32	$ 19,256.43	WSD-CP65W27-XXK-Z-M	158	65	10,270	8,760.00	10.27	89,965	21,962	$ 6,135.63	$13,120.80
	TOTALS	252			51.408	450,334.08	$ 30,712.78		252		16,380	4,160.00	16.38	143,489	35,028	$ 9,785.94	$20,926.85

Please enter your information and data into the cells that are shaded.
Cells in white are locked and cannot be written over.

List of Sites (Required)

Project/ Site (see note 1)	Site Name	Electric Account Number(s) (click (see note 2)	Site Address	Location within Facility	Square footage of location (Column F)	Total Building Square Footage	Location Type
Example	*Distribution Center*	*12345678 01*	*Example: 123 Main Street, Anywhere USA 12345*	*Warehouse*	10,000	20,000	*Industrial*
1	Baldwin Garage	28800815020	625 Eden Park Drive, Cincinnati, Ohio 45207	Garage	455,515	455,515	Other
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

If your application involves more than 20 lighting projects, please check here and use multiple worksheets.

GY®

Indoor or Outdoor?
Indoor
Outdoor

	Hours of Use (see note 3)									Controls (see note 5)			
		Weekday		Saturday		Sunday		Weeks of Use in a Year	Total Annual Hours of Use	Existing		Proposed	
Project/ Site	24 x 7	Start Hour	End Hour	Start Hour	End Hour	Start Hour	End Hour	(see note 4)		Type of Control	Hours Reduction	Type of Control	Description
Example	*No*	*8:00 AM*	*7:00 PM*	*10:00 AM*	*6:00 PM*	*1:00 PM*	*6:00 PM*	*52*	*3,536*	*None*	*0%*	*Occupancy*	*Applying for Prescriptive Incentive*
1	Yes							52	8,736	None	0%	None	
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

If the lighting fixtures are not in use 52 weeks during the year (for example, during holiday or summer break), provide an explanation of when they are not expected to be in use and why:

	Existing Fixture(s)								
Project/ Site	Existing Fixture Installation Year (see note 6)	Fixture Type	Fixture Manufacturer (see note 6)	Fixture Model Number (see note 6)	Lamps per Fixture	Fixture Size	Fixture Input Power (watts) (see note 7)	Quantity of Fixtures	Total Demand (kW)
Example	*1995*	*High Pressure Sodium*	*Manufacturer*	*Model #*	*1*		*190*	*175*	*33*
1	1988				1		200	252	50
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
Application Total								**252**	**50**

	Proposed Fixture(s)										Projected Savings			
Project/ Site	Fixture Type	Fixture Manufacturer (see note 8)	Fixture Model Number (see note 8)	Warranty of Proposed Fixtures (years)	Lamps per Fixture	Fixture Input Power (watts) (see note 9)	Quantity of Fixtures	Total Demand (kW)	Lumen Output per Fixture	Lumen/ Sq Ft	Demand (kW)	Annual Energy (kWh)	Other Annual Savings $ (see note 10)	Baseline Project Cost $
Example	*T8 Fluorescent*	*Manufacturer*	*Model #*	*5.0*	*1.0*	*78*	*225*	*18*	*8,000*	*180*	16	*55,515*	*$1,265*	*$22,500*
1	LED	Neu-Tech	WSD-CP65W27-50K-D-M	5.0	1.0	65	252	*16*	8,200	#VALUE!	34	297,199	$0	$80,004
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
Application Total							252	16			34	297,199	$0	

Average Electric Rate $/kWh $0.10

Project Simple Electric Payback (see note 12) years

Proposed Project Cost $	Incremental Project Cost $ (note 11)
$39,275	*$16,775*
$80,004	*$0*
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0
	$0

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65W LED Slim Canopy Light

■ Product Pictures

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V.
- Die cast aluminium cooling design,high quality and better cooling for LED Tj < 85℃.
- Excellent Optics design, greatly improve the light utilization and evenness.
- **Motion Sensor Available (Option)**

LUMILEDS The Brighter Choice

5 YEAR WARRANTY

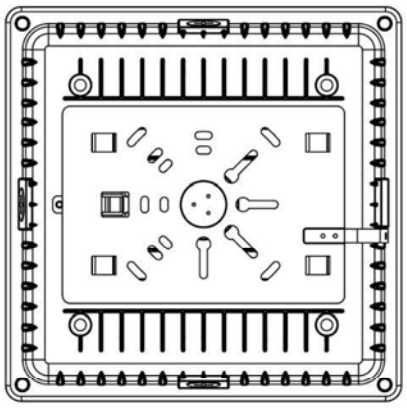
DLC QPL LISTED

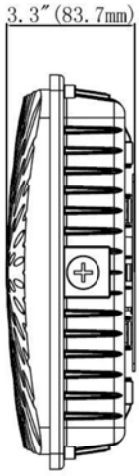
■ Product Applications

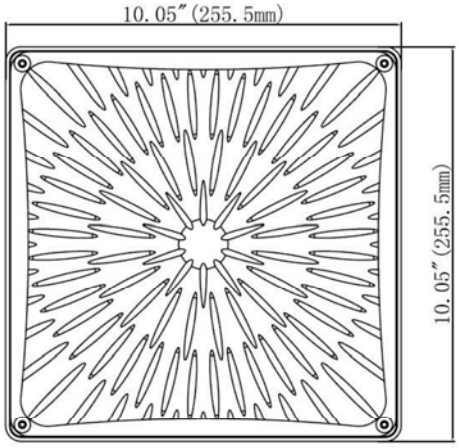
Neu-Tech LED SLIM CANOPY Lighting series can be widely used in indoor or outdoor lighting （Wet location）, like parking garage，mechanical or electronic processing workshops, storage warehouses, steel mills, gas stations, toll booth, waiting rooms, the platforms of railway station , indoor stadiums and flower cultivating tents etc.

■ Structure Features

- **Shell materials: Aluminum &PC .**
- **Finish: Dark Bronze/White**
- **Net weight**：3.80kgs （8.50 lbs） Unit：inch(mm)







65W LED Slim Canopy Light

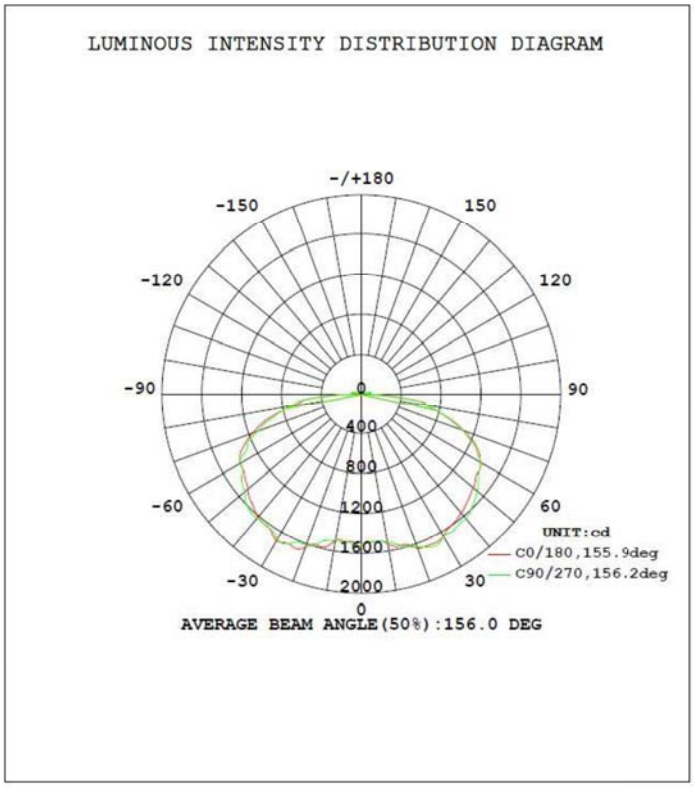
■ Technical Parameters

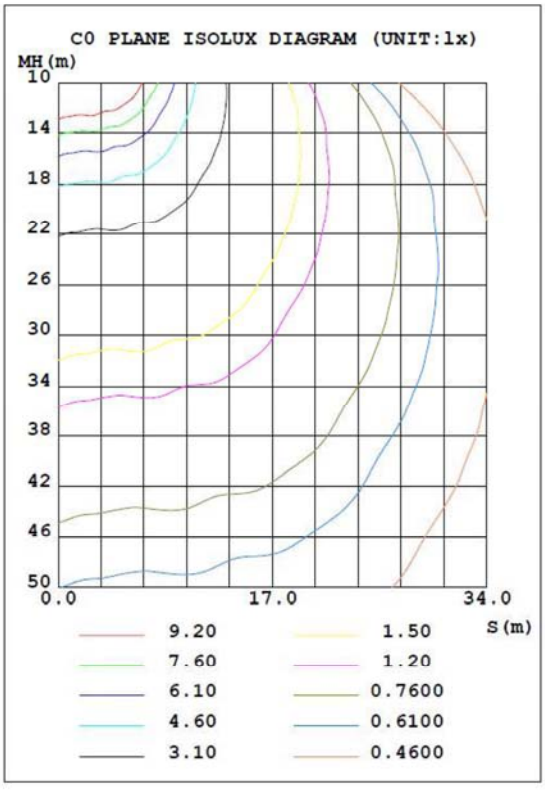
Type	WSD-CP65W27-XXK-Z-M		
Power	65W	**Lighting Angle**	150°
Input Voltage	AC120-277V	**LED Brightness Decay**	<5%/6000 hrs
PF	>0.95	**Working Life**	>50000 hrs
Driver Efficiency	>90%	**Working Temperature**	-30 - +45℃
Luminous Flux	8200 Lm	**Storage Temperature**	-40 -+80℃
Color Temperature	3000K/4000K/5000K/5700K	**Protection Level**	Wet Location/IP65
CRI	Ra>80	**Cable**	Input Connect, No cable

Remark: **"Z" may be D or W represented color,**

"M" may be Motion Sensor.

■ Light Distribution Curve (Clear Lens)





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jerry@retrofitled.net 513-702-3533

■ ORDERING INFORMATION:

EXAMPLE: WSD-CP 65W 27-50K-D-M

WSD	CP	65W	27	50K	D	M
Company	**Product**	**Power**	**Voltage**	**Color Temp**	**Finish**	**Control**
Neu-Tech	**CP** Canopy	**45W**(45W) **65W**(65W)	**27** AC120-277V	**30K** (3000K) **40K** (4000K) **50K** (5000K) **57K** (5700K) ± **500K**	**D** Dark Bronze **W** White	**10V** Diming 1-10V **M** Motion Sensor

■ Product Certifications

■ Contact Us:

Neu-Tech Energy Solutions

www.retrofitled.net

513-702-3533 jerry@retrofitled.net