

DATE: 11/02/2018

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00124703

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: DABRAHAM

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

7-14 DAYS

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

| | |
|--|------------------------------|
| *** ALL BIDDERS MUST COMPLETE SECTION BELOW *** | |
| FIRM NAME: <u>CRAWFORD ELECTRIC SUPPLY</u> | |
| SIGNATURE: <u>Loni Spurlock</u> | TITLE: <u>Operations mgr</u> |
| (Must be signed here) | |
| PRINT OR TYPE NAME: <u>LONI SPURLOCK</u> | |
| ADDRESS: <u>200 L + A ROAD</u> | |
| CITY, STATE: <u>METairie, LA.</u> | ZIP: <u>70001</u> |
| TELEPHONE: <u>(504) 731-0480</u> | FAX: <u>(504) 731-0490</u> |
| EMAIL ADDRESS: <u>JLEBLATC AT CESCO LTD. COM</u> | |

TOTAL PRICE OF ALL BID ITEMS: \$ 3351.76

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00124703

SEALED BID

| ITEM NUMBER | QUANTITY | U/M | DESCRIPTION OF ARTICLES | UNIT PRICE QUOTED | TOTALS |
|----------------|----------|-----|---|----------------------|----------------|
| 1 | 12.00 | EA | A purchase of blowers, LED fixtures, conduit fittings, etc. for the Department of Sewerage 0001 - Fitting, conduit, 1/2 inch, type C, FM7, Grayloy-iron body with wedge-lok clip cover and gasket, Appleton no. C17 (0876050) <i>CROUSE HIPPES C17</i> | <i>15.50E</i> | <i>186.00</i> |
| 2 | 12.00 | EA | 0002 - Coupling, electrical conduit, rigid, aluminum, female iron pipe thread, 1 inch (0878320) | <i>2.98E</i> | <i>35.76</i> |
| 3 | 16.00 | EA | 0003 - Rail din, 36 inch length, Idec brand No. BNDN1000 Deutsches institute fur normung (0878880) | — | — |
| 4 | 30.00 | EA | 0004 - Fixture, LED, wall pack, outdoor general purpose, 2000 lumens, recommended mounting height 10 to 15 feet, Acuity Lithonia Lighting no. TWR1 led 1 50K mvolt (0881210) <i>TWR1 LED P250K MVOLT DPBTXDM2</i> | <i>111.00E</i> | <i>3330.00</i> |
| 5 | 6.00 | EA | 0005 - Blower, shaded pole, 1/12 hp, 115 volt, 1650 RPM, auto thermal protection, 6-3/16 inch wheel diameter, 485 CFM (0891720) | — | — |
| 6 | 6.00 | EA | 0006 - Blower, 1/2 HP, American Fan no. AF-9-B10127-5 (0891790) | — | — |

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online.

This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13

FOB DELIVERED

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

November 6, 2018

ADDENDUM #1

Bid No.: 5000124703

Original Bid Opening Date: 11-8-18
Postponed to: 11-15-18

For: Cancellation of Line Item # 0006

Q1. Being told by Manufacturer on item #0006...In order to provide a quote for this blower we will need the code number from the name plate.

A1. This item is being cancelled per this addendum.

Line # 0006 – Blower, ½ HP, American Fan no. AF-9-B10127-5

Sincerely,

Doris Abraham

Buyer Name, Buyer I
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

Gasket and Covers on page 7

Application:

Conduit outlet bodies are installed in conduit systems to:

- act as pull outlets for conductors being installed
- provide openings for making splices and taps in conductors
- act as mounting outlets for lighting fixtures and wiring devices
- connect conduit sections
- provide taps for branch conduit runs
- make 90° bends in conduit runs
- provide for access to conductors for maintenance and future system changes

Features:

Conduit Outlet Bodies

- Form 7 Condulet outlet bodies approach conduit in size for neat, compact installations.
- Form 8 and Mark 9 bodies provide more room for heavier conductors
- Many shapes and sizes are available for rigid threaded conduit – see complete listings on page 6.
- Conduit hubs have tapered threads and feature integral bushings for protection of wire insulation.
- Form 7 has exclusive snaptight and wedge-nut cover attachment to provide clear, unobstructed cover opening.
- Built-in rollers on all Form 5 1¼" to 4" C and LB bodies to facilitate wire pulling.
- Series 5 bodies available in optional configuration with set screws on hubs for EMT conduit (add suffix -MT to catalog number).

Gaskets

Solid gaskets:

- are used with blank covers
- for Mark 9 and Form 5, can be converted to open type gaskets by tearing out center section along scored lines – ½" to 2" sizes
- for Form 7 are used with all covers

Open gaskets:

- for Form 8 – ½" to 4" sizes
- for Mark 9 – 2½" to 4" sizes

Blank Covers

Stainless steel cover screws are standard on Form 7, Form 8, Mark 9, Series 5 and Form 5 covers.

- Form 7

Wedge nut design facilitates installation and removal. Nuts are held captive in cover. Covers can be used with or without gaskets.

SNAPTIGHT™ Form 7 Covers with integral sealing gaskets are installed without the use of screws, reducing installation time and costs. Covers are reusable.

- Form 8

Two cover screws provided on all sizes to provide tight cover and gasket assembly. *Feraloy* iron alloy covers have dome shapes for added strength and extra wiring room.

- Mark 9

Self-retaining cover screws.

Standard Materials:

- Form 7, Form 8 outlet bodies – *Feraloy* iron alloy
- Mark 9 outlet bodies – copper-free aluminum
- Form 5 – malleable iron
- Series 5 – die cast aluminum

Standard Finishes:

- Form 7, Form 8 outlet bodies – electrogalvanized with aluminum acrylic paint
- Mark 9 outlet bodies – natural
- Form 5 – electrogalvanized with aluminum acrylic paint
- Series 5 – aluminum acrylic paint

Options:

| Description | Suffix to be Added to Cat. # |
|---|------------------------------|
| Form 7 body and cover only: | |
| Copper-free aluminum. | SA |
| <i>Corro-free</i> ™ epoxy powder coat. | add suffix S752 |

- Series 5 in an EMT version with set screws on all hubs add suffix -MT
- Series 5 pre-packaged with neoprene gasket and cover add suffix -CGN

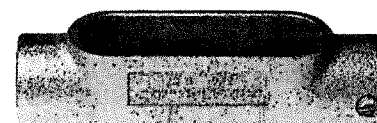
Certifications and Compliances:

Outlet Bodies –

- UL Standard: 514B
- Fed. Spec.: W-C-586D
- CSA Standard 22.2 No. 18

Size comparison of 1½" Form 7, Mark 9, Form 8, and Mogul bodies. Round backs on Form 7 and Mogul; flat backs on Form 8 and Mark 9. The round back conduit body is a registered trademark of Cooper Industries, Inc.

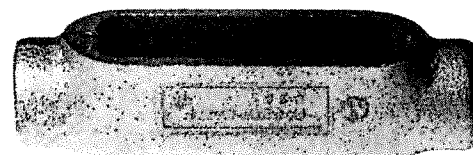
- Raintight (when installed with cover and gasket)



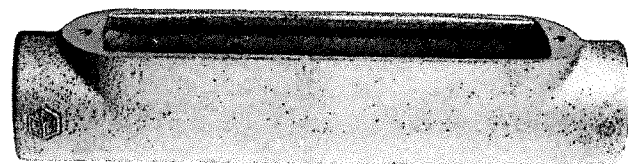
Form 7



Mark 9



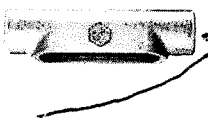











Form 8



Mogul

Threaded Rigid Bodies

Hub Size

| Shape | Style | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 |
|---|-----------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | C | | | | | | | | | | |
| | Form 7 | C17 | C27 | C37 | C47 | C57 | C67 | C77 | C87 | | |
| | Form 8 | C18 | C28 | C38 | C448 | C58 | C68 | C78 | C88 | | |
| | Mark 9 | C19 | C29 | C39 | C49 | C59 | C69 | C789 | C889 | C989 | C1089 |
| | Form 5 | C50M | C75M | C100M | C125M | C150M | C200M | C250M | C300M | C350M | C400M |
|  | E | | | | | | | | | | |
| | Form 7 | E17 | E27 | E37 | | | | | | | |
|  | L | | | | | | | | | | |
| | Form 7 | L17 | L27 | L37 | L47 | L57 | L67 | | | | |
| Double faced – may be used as LL or LR – has 2 openings, one of which is furnished with a blank sheet steel cover | | | | | | | | | | | |
|  | LB | | | | | | | | | | |
| | Form 7 | LB17 | LB27 | LB37 | LB47 | LB57 | LB67 | LB777 | LB87 | LB97 | LB107 |
| | Form 8 | LB18 | LB28 | LB38 | LB448 | LB58 | LB68 | LB78 | LB888 | LB98 | LB108 |
| | Mark 9 | LB19 | LB29 | LB39 | LB49 | LB59 | LB69 | LB789 | LB889 | LB989 | LB1089 |
| | Form 5 | LB50M | LB75M | LB100M | LB125M | LB150M | LB200M | LB250M | LB300M | LB350M | LB400M |
|  | LL | | | | | | | | | | |
| | Form 7 | LL17 | LL27 | LL37 | LL47 | LL57 | LL67 | LL777 | LL87 | LL97 | LL107 |
| | Form 8 | LL18 | LL28 | LL38 | LL448 | LL58 | LL68 | LL78 | LL888 | | |
| | Mark 9 | LL19 | LL29 | LL39 | LL49 | LL59 | LL69 | LL789 | LL889 | LL989 | LL1089 |
| | Form 5 | LL50M | LL75M | LL100M | LL125M | LL150M | LL200M | LL250M | LL300M | LL350M | LL400M |
|  | LR | | | | | | | | | | |
| | Form 7 | LR17 | LR27 | LR37 | LR47 | LR57 | LR67 | LR777 | LR87 | LR97 | LR107 |
| | Form 8 | LR18 | LR28 | LR38 | LR448 | LR58 | LR68 | LR78 | LR888 | | |
| | Mark 9 | LR19 | LR29 | LR39 | LR49 | LR59 | LR69 | LR789 | LR889 | LR989 | LR1089 |
| | Form 5 | LR50M | LR75M | LR100M | LR125M | LR150M | LR200M | LR250M | LR300M | LR350M | LR400M |
|  | Series 5 | LR15 | LR25 | LR35 | LR45 | LR55 | LR65 | LR75 | LR85 | LR95 | LR105 |
|  | T | | | | | | | | | | |
| | Form 7 | T17 | T27 | T37 | T47 | T57 | T67 | T77 | T87 | T97 | T107 |
| | Form 8 | T18 | T28 | T38 | T448 | T58 | T68 | T78 | T88 | | |
| | Mark 9 | T19 | T29 | T39 | T49 | T59 | T69 | T789 | T889 | T989 | T1089 |
| | Form 5 | T50M | T75M | T100M | T125M | T150M | T200M | T250M | T300M | T350M | T400M |
|  | Series 5 | T15 | T25 | T35 | T45 | T55 | T65 | T75 | T85 | T95 | T105 |
|  | TA | | | | | | | | | | |
| | Form 7 | TA17 | TA27 | TA37 | TA47 | TA57 | TA67 | | | | |
|  | TB | | | | | | | | | | |
| | Form 7 | TB17 | TB27 | TB37 | TB47 | TB57 | TB67 | | | | |
| | Form 8 | TB18 | TB28 | TB38 | TB448 | TB58 | TB68 | | | | |
| | Mark 9 | TB19 | TB29 | TB39 | TB49 | TB59 | TB69 | | | | |
| | Form 5 | TB50M | TB75M | TB100M | TB125M | TB150M | TB200M | | | | |
|  | X | | | | | | | | | | |
| | Form 7 | X17 | X27 | X37 | X47 | X57 | X67 | | | | |
| | Form 8 | X18 | X28 | X38 | X448 | X58 | X68 | | | | |
| | Mark 9 | X19 | X29 | X39 | | | | | | | |
| | Form 5 | X50M | X75M | X100M | X125M | X150M | X200M | | | | |

Condulet® Conduit Outlet Bodies

1F

Covers and Gaskets

Dimensions Pgs. 9 to 11 (Dimensions for Form 5 – see Section CP)

Blank Covers

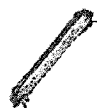


Sheet Steel

| Size | Form 7 Wedgenut Cat. # | Form 7 Snpight™ Covers† Cat. # | Form 7 Wedgenut w/Integral Gasket Cat. # | Form 8* Cat. # | Form 8 w/Integral Gasket Cat. # | Form 5 Cat. # |
|-------|------------------------|--------------------------------|--|----------------|---------------------------------|---------------|
| 1/2 | 170 | 170-SG | 170G | 180 | 180G | K50S |
| 3/4 | 270 | 270-SG | 270G | 280 | 280G | K75S |
| 1 | 370 | 370-SG | 370G | 380 | 380G | K100S |
| 1 1/4 | 470 | 470-SG | 470G | 480 | 480G | K125S |
| 1 1/2 | 570 | 570-SG | 570G | 580 | 580G | K125S |
| 2 | 670 | 670-SG | 670G | 680 | 680G | K200S |
| 2 1/2 | 870 | | | 880 | | K250S |
| 3 | 870 | | | 880 | | K250S |
| 3 1/2 | 970 | | | 980 | | K350S |
| 4 | 970 | | | 980 | | K350S |



Sheet Aluminum



Feraloy® Iron Alloy



Cast Aluminum

| Size | Mark 9 Cat. # | Mark 9 w/Integral Gasket Cat. # | Form 7 Cat. # | Form 7 w/Integral Gasket Cat. # | Series 5 Cat. # | Form 7 Wedgenut Cat. # | Form 7 Wedgenut w/Integral Gasket Cat. # | Form 8* Cat. # | Form 5 ♦ Cat. # | Form 7 Wedgenut Cat. # |
|-------|---------------|---------------------------------|---------------|---------------------------------|-----------------|------------------------|--|----------------|-----------------|------------------------|
| 1/2 | 190 | 190G | 170-SA | 170G-SA | 150 | 170F | 170FG | 180F | K50CM | 170F-SA |
| 3/4 | 290 | 290G | 270-SA | 270G-SA | 250 | 270F | 270FG | 280F | K75CM | 270F-SA |
| 1 | 390 | 390G | 370-SA | 370G-SA | 350 | 370F | 370FG | 380F | K100CM | 370F-SA |
| 1 1/4 | 490 | 490G | 470-SA | 470G-SA | 450 | 470F | 470FG | 480F | K125CM | 470F-SA |
| 1 1/2 | 590 | 590G | 570-SA | 570G-SA | 450 | 570F | 570FG | 580F | K125CM | 570F-SA |
| 2 | 690 | 690G | 670-SA | 670G-SA | 650 | 670F | 670FG | 680F | K200CM | 670F-SA |
| 2 1/2 | 889 | | 870-SA | | 850D | 870F | | 880F | K250CM | 870F-SA |
| 3 | 889 | | 870-SA | | 850D | 870F | | 880F | K250CM | 870F-SA |
| 3 1/2 | 989 | | 970-SA | | 950D | 970F | | 980F | K350CM | 970F-SA |
| 4 | 989 | | 970-SA | | 950D | 970F | | 980F | K350CM | 970F-SA |

Solid Gaskets

Neoprene



| Size | Form 7 Cat. # | Form 8* Cat. # | Mark 9† Cat. # | Form 5 Cat. # | Series 5 Cat. # |
|-------|---------------|----------------|----------------|---------------|-----------------|
| 1/2 | GASK571 | GASK851N | GASK1941 | GK50N | GASK015N |
| 3/4 | GASK572 | GASK852N | GASK1942 | GK75N | GASK025N |
| 1 | GASK573 | GASK853N | GASK1943 | GK100N | GASK035N |
| 1 1/4 | GASK574 | GASK854N | GASK1944 | GK125N | GASK045N |
| 1 1/2 | GASK575 | GASK805N | GASK1945 | GK125N | GASK045N |
| 2 | GASK576 | GASK806N | GASK1946 | GK200N | GASK065N |
| 2 1/2 | GASK578 | GASK808N | GASK808N | GK250N | GASK085N |
| 3 | GASK578 | GASK808N | GASK808N | GK250N | GASK085N |
| 3 1/2 | GASK579 | GASK809N | GASK8089N | GK350N | GASK095N |
| 4 | GASK579 | GASK8089N | GASK809N | GK350N | GASK095N |

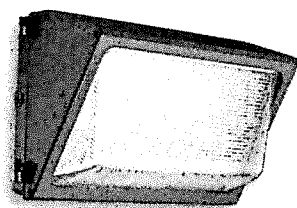
* 1/2 – 1 1/4 are solid gaskets; 1 1/2 – 4 are open gaskets.

† 1/2 – 2 are solid gaskets; 2 1/2 – 4 are open gaskets.

* Two cover screws on 1/2" to 2" Form 8 covers and four cover screws on 2 1/2" and larger Form 8 covers.

‡ Form 7 Snpight covers with integral sealing gasket are installed without the use of screws.

♦ Malleable Iron Covers.



TWR1 LED LED Wall Luminaire



Catalog
Number

Notes

Type

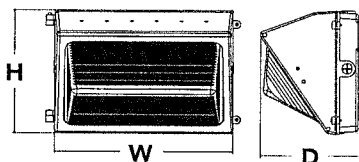
Specifications

Width: 12-15/16"
(32.4 cm)

Height: 9"
(22.9 cm)

Depth: 7-1/2"
(19 cm)

Weight: 11.95 lbs
(5.42 kg)



Introduction

The popular TWR1 luminaire is now available with long-lasting, energy-efficient LED technology. Featuring a classic dayform, the TWR1 LED offers a traditional appearance and is powered by advanced LEDs.

The TWR1 LED luminaire is powerful yet energy efficient, capable of replacing up to a 250W metal halide luminaire while saving up to 86% in energy costs. Offering an expected service life of more than 20 years, the TWR1 LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

Ordering Information

EXAMPLE: TWR1 LED P2 50K MVOLT DDBTXD

TWR1 LED

| Series | Performance Package | | Color Temperature | Voltage | Controls | Finish |
|----------|---------------------|--------------|-------------------------|--------------------|---------------------|-----------------------------|
| TWR1 LED | P2 | 3,450 lumens | 40K 4000 K ¹ | MVOLT ² | (blank) No controls | DDBTXD Textured dark bronze |
| | P3 | 4,470 lumens | 50K 5000 K ¹ | 347 | PE Photo control | |
| | P4 | 5,550 lumens | | | | |

NOTES

- Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

FEATURES & SPECIFICATIONS

INTENDED USE

The TWR1 LED combines traditional wall pack design with high-output LEDs to provide an energy-efficient, low maintenance LED wall pack suitable for replacing up to 350W MH fixtures. The traditional shape helps maintain building aesthetics when replacing only a portion of your building's wall packs. TWR1 LED is ideal for outdoor applications such as carports, loading areas, driveways and parking areas.

CONSTRUCTION

Rugged cast-aluminum housing with bronze polyester powder paint for lasting durability. Door is hinged on the side so door swings out of the way during installation and service. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. MVOLT driver operates on any line voltage from 120-277V (50/60Hz). All luminaires have 6kV surge protection. Rated for outdoor installations, -40°C minimum ambient. Please consult factory for surge rating of photocells.

OPTICS

High-performance LEDs maintain up to 90% of light output at 100,000 hours of service life (L90/100,000 hours). Prismatic glass lens designed for superior lighting distribution, uniformity and fixture spacing. See Lighting Facts label and photometry reports for specific fixture performance.

INSTALLATION

Designed for wall mounting above four feet from ground. Housing is configured for mounting directly over a standard 4" outlet box (by others) or for surface wiring via any of three convenient 1/2" threaded conduit entry hubs.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.dlcqualified.com to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at:

www.lithonia.com/led/warranty

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com
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