

## Request for Quotes

*This is not a sealed bid. Quotes can be emailed or faxed to the Office of the Purchasing Division.*

*See instructions below.*

The City of Knoxville requests your delivered price for three (3) Lumec Streetlight Poles to 2501 Ailor Avenue Knoxville, TN 37921 per attached specifications;

### Specifications:

The City of Knoxville is seeking to purchase: Three (3) Lumec Streetlight Poles, including base and hardware.

Please see the specifications listed on pages 4-8.

MODIFICATIONS: If modifications to this document are necessary, such changes will be made in the form of an addendum, posted to the Purchasing website: [www.knoxvilletn.gov/bids](http://www.knoxvilletn.gov/bids). It is the vendor's responsibility to review the website to ascertain whether such addenda have been posted.

INCLEMENT WEATHER: During periods of inclement weather, the Purchasing Division will enact the following procedures with regard to solicitations and weather delays:

- If City offices are closed due to inclement weather on the date that quotes are due into the Purchasing Office, all solicitations due that same day will be moved to the next operational business day.
- The City of Knoxville shall not be liable for any commercial carrier's decision regarding deliveries during inclement weather.

**In order for your quote to be considered for award, your completed form must be received by the Purchasing Office via email, fax, or hard copy no later than 2:30 p.m. (Eastern Time) on September 15, 2021. Late submissions shall not be accepted.**

Prior to submitting their quote, vendors are to be registered with the Purchasing Division through the City of Knoxville's online Vendor Registration system. Instructions for registering on-line are available at [www.knoxvilletn.gov/purchasing](http://www.knoxvilletn.gov/purchasing).

### Instructions and Conditions:

By submitting a quote to the City of Knoxville, the submitter warrants the following:

1. The quote is good for 60 days.
2. The Quoter is licensed to conduct business in the City or County where it is headquartered.
3. The Quoter will use environmentally friendly products and services whenever possible.
4. The Quoter has not entered into any collusion with any person in respect to the pricing of this order or any other.

5. The Quoter represents and agrees to the termination clause, and indemnification clause attached to this document.

The Quoter, to the best of its knowledge and belief, does not engage in investment activities in Iran and is not on the list created pursuant to T.C.A § 12-12-106 (available at [https://www.tn.gov/content/dam/tn/generalservices/documents/cpo/cpo-library/public-information-library/List\\_of\\_persons\\_pursuant\\_to Tenn. Code Ann. 12-12-106 Iran Divestment Act updated 7.7.17.pdf](https://www.tn.gov/content/dam/tn/generalservices/documents/cpo/cpo-library/public-information-library/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106_Iran_Divestment_Act_updated_7.7.17.pdf))

6. The Quoter shall be responsible for full compliance with all applicable federal, state, and local laws, rules and regulations.

Please complete the Quote Section below and send your written quote to either the email address or fax number shown below:

Taylor Childress

Procurement Specialist

City of Knoxville

[tjchildress@knoxvilletn.gov](mailto:tjchildress@knoxvilletn.gov)

FAX:(865) 215-2277

### QUOTE SECTION

Having carefully examined the specifications detailed above, we hereby propose to furnish the supervision, labor, materials, equipment, delivery, and services as stated for the following sum:

Quote \$ \_\_\_\_\_

GUARANTEE of delivery no later than: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Signature of Quoting Official: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

DUNS #: \_\_\_\_\_

### Indemnification Clause:

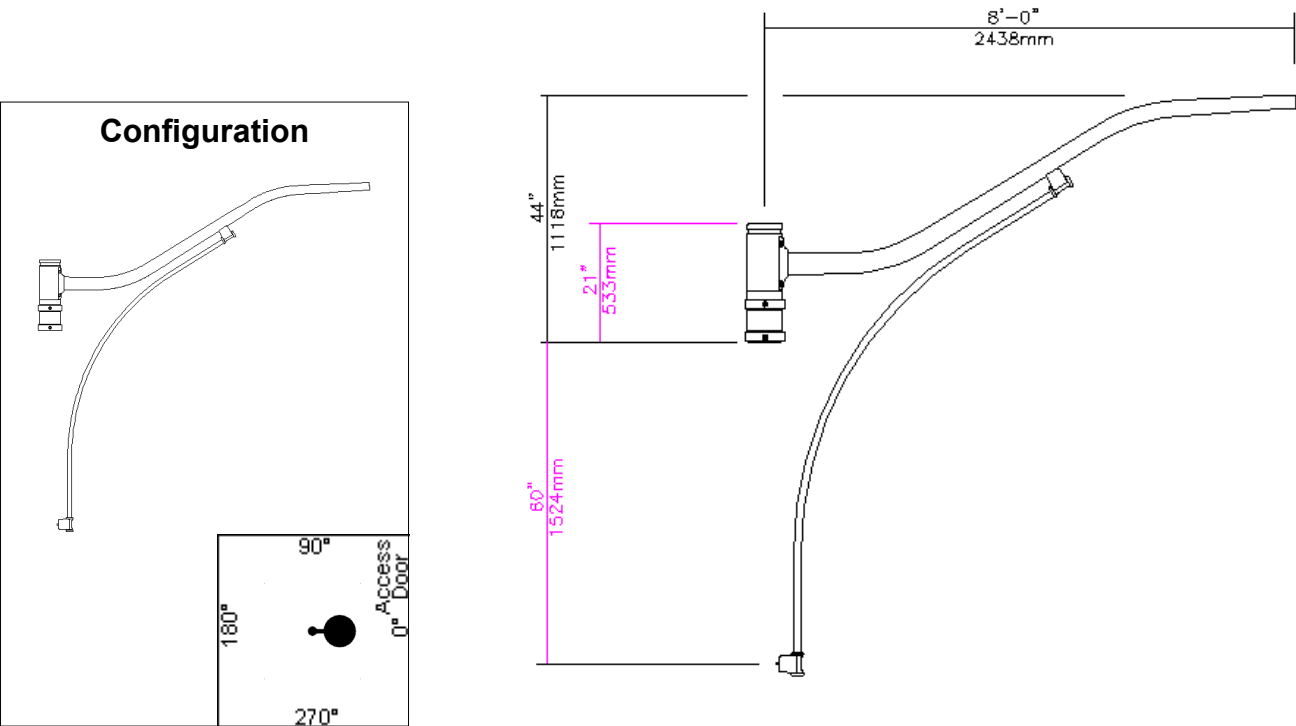
Contractor shall defend, indemnify and hold harmless the City, its officers, employees and agents from any and all liabilities which may accrue against the City, its officers, employees and agents or any third party for any and all lawsuits, claims, demands, losses or damages alleged to have arisen from an act or omission of Contractor in performance of this Agreement or from

Contractor's failure to perform this Agreement using ordinary care and skill, except where such injury, damage, or loss was caused by the sole negligence of the City, its agents or employees.

Contractor shall save, indemnify and hold the City harmless from the cost of the defense of any claim, demand, suit or cause of action made or brought against the City alleging liability referenced above, including, but not limited to, costs, fees, attorney fees, and other expenses of any kind whatsoever arising in connection with the defense of the City; and Contractor shall assume and take over the defense of the City in any such claim, demand, suit, or cause of action upon written notice and demand for same by the City. Contractor will have the right to defend the City with counsel of its choice that is satisfactory to the City, and the City will provide reasonable cooperation in the defense as Contractor may request. Contractor will not consent to the entry of any judgment or enter into any settlement with respect to an indemnified claim without the prior written consent of the City, such consent not to be unreasonably withheld or delayed. The City shall have the right to participate in the defense against the indemnified claims with counsel of its choice at its own expense.

Contractor shall save, indemnify and hold City harmless and pay judgments that shall be rendered in any such actions, suits, claims or demands against City alleging liability referenced above.

The indemnification and hold harmless provisions of this Agreement shall survive termination of the Agreement.



Qty	1	Type	SA
		Bracket	VC8-1A-R5-BKTX

Description of Components:

**Arm:** Shall be made from spun and tapered aluminum 6063-T4, tempered to T6 after welding. The tapered arm is formed into a vertically oriented ellipse of 4" (102mm) by 2 7/8" (73mm) welded onto a plate and mechanically assembled to central adaptor. The bracket end is of 2 3/8" (60mm) O.D.

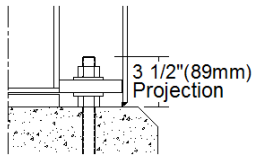
**Decorative Element:** Made of bent aluminum 6061-T6 tubing, 1 1/4" (32mm) outside diameter, complete with cast decorative end caps, mechanically assembled to arm.

**Central Adaptor:** Made of cast 356 aluminum, complete with a top decorative cap. Slip-fits 9" (229mm) over a 5" (127mm) outside diameter pole or tenon. Mechanically fastened to the pole or tenon.

**Note:** The VC8 bracket meets the AASHTO 2001 standard specifications for structural support for luminaires.

**Bracket Properties (Weight and EPA):** 37 lbs (16.8 kg), 4.01 ft²

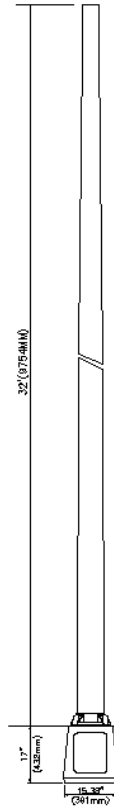
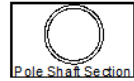
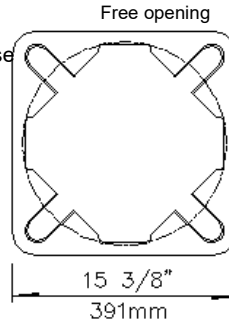
**Base & Bolts Information**



**Comes with** 4 steel anchor bolts, 1" X 33" + 3" J Type Bolts, 8 nuts and 8 washers. Important: Do not obstruct space between anchor plate and concrete base.

**Anchor Plate**

See Transition Base page for details



Qty	1	Type	SA
		Pole	[ATR85V-026]-32-BAS24(2)-VD-BKTX

**Description of Components:**

**Pole Shaft:** Shall be made from spun aluminum 6063-T4, tempered to T6 after welding, having a base diameter of 8" (203mm) and top diameter of 5" (127mm) wall thickness 0.250" (6.4mm) welded to both the bottom and top of the anchor plate.

**Nut cover:** Made from cast 356 aluminum, mechanically fastened with stainless steel screws.

**Pole Options:** (BA) single position, upper and lower arms (2), fixed standard type banner arm, made of steel tubing, 1 1/16" (27mm) outside diameter, mechanically assembled to the pole, complete with a standard cast aluminum decorative ball.  
(VD) Complete with an internal vibration damper.

**Note:** A tenon will be provided when the luminaire or bracket does not fit directly on pole shaft. Tenon not shown on the drawing.

**IMPORTANT:** Lumec strongly recommends the installation of the complete lighting assembly with all of its accessories upon the anchoring of the pole. This will ensure that the structural integrity of the product is maintained throughout its lifetime.

**Pole Weight:** 182 lbs (82.7 kg)

Qty	1	Type	SA
		Miscellaneous	TB1-17-BKTX

Description of Components:

**Transition Base: (TB1-17),** Made of cast aluminum, 17" (432mm) high, accepting bolt circles 10.5" to 13.5" on top and 13" to 15" on the bottom, complete with an access door 11.75" (298mm) high and 9.75" (248mm) wide.

**Wiring:** Gauge (#14) TEW/AWM 1015 or 1230 wires, 6" (152mm) minimum exceeding the bracket.

**Hardware:** All exposed screws shall be complete with Ceramic primer-seal basecoat to reduce seizing of the parts and offers a high resistance to corrosion. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

**Anchor Bolts:** Anchor bolts made of ASTM F1554 grade 55 steel with a minimum yield strength of 55,000 psi. Nuts made of ASTM F1554-99 grade A steel or better. The thread adjustment is ANSI class 2B regardless of the diameter of the bolts. Washers made of ASTM grade F-844 steel or better. All galvanized parts are hot-dip galvanized with minimum requirement the ACNOR G-164 standard.

**Finish:** Color to be **black textured RAL9005TX (BKTX)** and in accordance with the AAMA 2603 standard. Application of polyester powder coat paint (4 mils/100 microns) with  $\pm$  1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D2244 standard, as well as luster retention in keeping with the ASTM D523 standard and humidity proof in accordance with the ASTM D2247 standard.

The surface treatment achieves a minimum of 3000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

**Pole Information: (R5),** Bracket to be mounted on top of a 5" (127mm) outside diameter round pole or tenon.

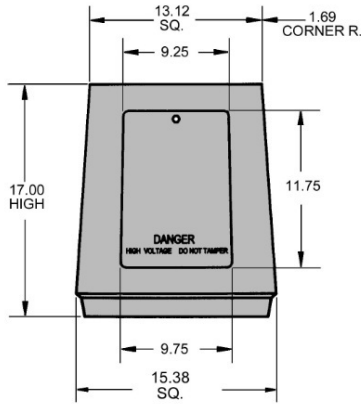
**Quality Control:** The manufacturer must provide a written confirmation of its ISO 9001-2008 and ISO 14001-2004 International Quality Standards Certification.

**Vibration Resistance:** The GPLM meets the **ANSI C136.31, 2010**, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications. (Tested for 3G over 100 000 cycles)

**Aluminum poles are not recommended in high vibration environments such as bridge, overpass, top of building, airport, train station, etc.**

**Mechanical resistance:** This design information is intended as a general guideline only. The customer is solely responsible for proper selection of pole, luminaire, accessories and foundation under the given site conditions and intended usage. The addition of any other item to the pole may dramatically impact the wind load on that pole. It is strongly recommended that a qualified professional be consulted to analyze the loads given the user's specific needs to ensure proper selection of the pole, luminaire, accessories, and foundation. Lumec assumes no responsibility for such complete analysis or product selection. Failure to insure proper site analysis, pole selection, loads and installation can result in pole failure, leading to serious injury or property damage.

**Web site information details:** / [CSA Pole Certification](#)



This base features 10 1/2" to 13 1/2" top bolt circle and a 13" to 15" bottom bolt circle. Stands 17" in height. Base can be ordered with hinged door option or with non-metallic access door. Standard or vandal screw to fit your specifications.

## TB1-17

TB1-17

### CAUTION

1985 AASHTO

BEFORE THE INSTALLATION OF THIS BASE IN SERVICE, USER SHOULD ALWAYS CONSULT WITH AUTHORIZED DISTRIBUTOR REGARDING PROPOSED APPLICATION, LOADING TO BE SUSTAINED AND INSTALLATION INSTRUCTIONS. FAILURE(S) CAN RESULT FROM MISAPPLICATION, OVERLOADING/IMPROPER LOADING OR INCORRECT INSTALLATION.

TO APPROACH OPTIMUM STATIC LOADS, USE THE LARGEST POSSIBLE BOLT CIRCLES AND USE STEEL WASHER SIZES SPECIFIED BELOW:

FOR 10 1/2" THRU 13 1/2" DIA. TOP BOLT CIRCLES

USE 2 1/2" DIA. X 1 1/16" I.D. X 3/8" TK. OR  
2 3/4" DIA. X 1 1/16" OR 1 5/16" I.D. X 1/2" TK. WASHERS

FOR 13" THRU 15" DIA. BOTTOM BOLT CIRCLES

USE 2 3/4" DIA. X 1 1/16" OR 1 5/16" I.D. X 1/2" TK. WASHERS

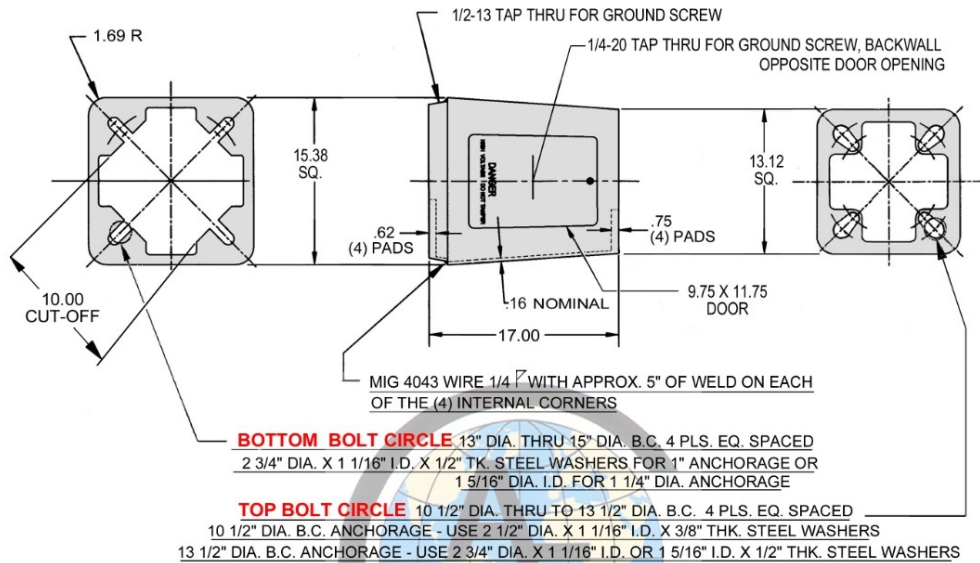
FOR ALL MOUNTINGS UNDER 13" DIA.  
SEE SPECIAL MOUNTING INSTRUCTIONS

FOR OPTIMUM PERFORMANCE, MOUNT TRANSFORMER BASE ON A FLAT AND LEVEL FOUNDATION SURFACE. SHIM BASE WHEN REQUIRED, IF GAPS ARE PRESENT, THOROUGHLY FILL VOIDS WITH A NON-SHRINK GROUT. TORQUE GROUND MOUNTING NUTS TO 150 FT. LBS.

### BREAKAWAY BASE

APPROVED BY F.H.W.A. TO 1985  
AASHTO REQUIREMENTS

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**BOTTOM BOLT CIRCLE** 13" DIA. THRU 15" DIA. B.C. 4 PLS. EQ. SPACED  
2 3/4" DIA. X 1 1/16" I.D. X 1/2" TK. STEEL WASHERS FOR 1" ANCHORAGE OR  
1 5/16" DIA. I.D. FOR 1 1/4" DIA. ANCHORAGE

**TOP BOLT CIRCLE** 10 1/2" DIA. THRU TO 13 1/2" DIA. B.C. 4 PLS. EQ. SPACED  
10 1/2" DIA. B.C. ANCHORAGE - USE 2 1/2" DIA. X 1 1/16" I.D. X 3/8" THK. STEEL WASHERS  
13 1/2" DIA. B.C. ANCHORAGE - USE 2 3/4" DIA. X 1 1/16" I.D. OR 1 5/16" I.D. X 1/2" THK. STEEL WASHERS

DOOR SUPPLIED / BLANK OR LOGO IN ALUMINUM OR NON-METALLIC, INJECTION MOLDED ABS WITH OR WITHOUT HINGE  
STD: DOOR LATCH #1022 / USE 1/4-20 X 1" LONG S.S. SCREW / HEAD TYPE CUSTOMER OPTION.

ALL WASHERS TO BE ZINC MECHANICAL COATED PER ASTM 695-85 CLASS 50

356 T-6 ALUMINUM ALLOY / S.S. WHEELABRATED FINISH CHEMICAL AND PHY. CERTS TO BE SUPPLIED WITH EACH SHIPMENT

ADHESIVE BREAKAWAY AND CAUTION LABELS TO APPEAR  
ON INSIDE WALL OPPOSITE DOOR OPENING