



ADDENDUM NO. 1

RFP-5330-147

STREET LIGHT LED RETROFIT

To all Bidders:

January 16, 2018

The following changes/deletions/additions are hereby made as part of the Request for Proposal document for the Street Light LED Retrofit:

RFP Closing Date:

Friday, January 26, 2018

Please note that the closing time of 2:00 pm local time had not changed.

Section 1.0 - Introduction amended as follows:

The District will be limiting its selection of an LED manufacturer for Cobra Head fixtures to those listed within the B.C. Government's Corporate Supply Arrangement (CSA), "LED Street Light Luminaires". Proponents choosing to include the optional scope fixtures ("Decorative", "TopHat", and "Floodlight") in their proposal will specify their proposed approach to selecting a manufacturer for those fixtures.

This LED streetlight upgrade project will focus primarily on the replacement of "Cobra Head" type luminaires and the conversion of "Dawn to Dusk" type luminaires to Cobra Head luminaires, with "Decorative" (i.e., gaslight, downlight, flood, etc.), "TopHat", and "Floodlight" style fixtures as an optional scope item. It is anticipated that the proposal to design and upgrade the District's streetlight network will consist of: the replacement of approximately 779 existing Cobra Head streetlight fixtures, the conversion of 141 Dusk to Dawn fixtures to Cobra Head fixtures (including the addition of a new Aluminum Arm – specifications provided below); with an additional approximately 400 Decorative, TopHat, and Floodlight fixtures as a separate, optional scope item.

Section 1.1 - Inventory amended as follows:

1.1 Current Inventory

As per an initial streetlight inventory, the following has been developed:

Total in-scope fixture quantity (numbers are approximate)

5 70w HPS traditional cobra head



78	100w HPS traditional cobra head
514	150w HPS traditional cobra head
100	250w HPS traditional cobra head
5	400w HPS traditional cobra head
75	250w MV traditional cobra head
2	400w MV traditional cobra head
2	70w HPS Dawn to Dusk
55	100w HPS Dawn to Dusk
33	150w HPS Dawn to Dusk
1	175w HPS Dawn to Dusk
50	175w MV Dawn to Dusk
920	Total

Total optional scope fixture quantity (numbers are approximate)

125	100w HPS decorative
87	150w HPS decorative
2	250w HPS decorative
24	70w HPS TopHat
85	100w HPS TopHat
20	150w HPS TopHat
6	400w HPS TopHat
35	150w HPS Flood
8	250w HPS Flood
1	400w HPS Flood
3	175w MV Flood
4	1000w MV Flood
400	Total

Section 3.0 – Content of Proposal amended as follows:

Two (2) complete original printed copies and one (1) complete electronic copy in PDF format must be submitted **in a sealed envelope plainly marked “RFP-5330-147 Streetlight LED Retrofit.”**

Section 6.4 – Evaluation Criteria amended as follows:

Mandatory Criteria:

Proposals received by closing date and time (two printed copies & one PDF electronic copy) in a sealed envelope **plainly marked “RFP-5330-147 Streetlight LED Retrofit”** consisting of components outlined in Section 3.

Schedule ‘A’ - Scope of Work, Overview amended as follows:



The Scope of Work shall consist of the design and upgrade of the existing streetlight network, including the tasks specified below (replacing Cobra Head fixtures & converting Dawn to Dusk style luminaires to Cobra Head are required; providing a sample design and recommendations regarding Decorative, TopHat, and Floodlight fixtures may be included as a separate, optional item at the Proponent's discretion). These tasks are not necessarily presented in the order in which they must be carried out.

Schedule 'A' - Scope of Work, Manufacturer Selection deleted and replaced as follows:

Manufacturer Selection

- a. Assist the District in selecting a preferred LED manufacturer for Cobra Head fixtures from the B.C. Government's "LED Street Light Luminaires" Corporate Supply Arrangement. (Link provided below)

<https://www2.gov.bc.ca/gov/content/governments/services-for-government/bc-bid-resources/goods-and-services-catalogue/led-street-light-luminaires>

- b. For proponents choosing to include the optional scope fixtures ("Decorative", "TopHat", and "Floodlight"): specify proposed approach to selecting a manufacturer for those fixtures.

Schedule 'A' - Scope of Work, Streetlight Design (b) deleted and all subsequent points re-numbered accordingly

~~b. Include with the photometric designs: the location of the streetlights, streetlight conductors, the location of the transformers, and power disconnects (if known). The drawings shall specify the type of pole, luminaire, conduit, luminaire wattage, photo cell, fuse, fuseholder, and the conductor in place.~~

Schedule 'A' - Scope of Work, Materials & Warranty (b) amended as follows:

- iv. Wiring: RW90 XLPE (-40C), #12AWG (8337mm²), Outdoor CSA RDMS

Schedule 'A' - Scope of Work, Materials & Warranty (c) & (d), deleted and replaced as follows:

- c. Provide pricing for each of the components listed in (b) (per-fixture). If a proponent believes an alternative material meets or exceeds the



specifications of the listed materials and would provide a benefit to the District, this may be noted in the submission. The District may consider such recommendations with the successful proponent, and any cost differences would be accounted for at that time.

- d. Replace all Cobra Head fixtures, and convert all Dusk to Dawn fixtures to Cobra Head fixtures (including the addition of a new Aluminum Arm with the following specifications: Elliptical Aluminum Arm, TER 4MA, Length 4'). For Cobra Heads: provide pricing for the installation labour and other materials only (per fixture); proponents are not expected to provide pricing for the Cobra Head luminaires, as they are fixed through the CSA. For optional scope items: provide pricing for the luminaire, other materials, and the installation labour (per fixture).

Schedule 'A' - Scope of Work, Installation of Luminaries (d), amended as follows:

- d. Ensure a safe work procedure is in place and adhered to, which outlines the removal and installation of wiring, fuses, fuseholders, photo cells, and luminaires during the construction phase for each pole type, and ensures that the District's safety requirements are met. Include any descriptive drawings for further information. **Note: all installations will be done "energized" (steel standards have fuses to disconnect; wood poles are all hardwired; optional fixtures include a mixture of disconnect at electrical panel, relay switches, fuses, and hardwiring).**

Schedule 'C' – Evaluation Criteria, Pricing (a) amended as follows:

- a) Quoted prices from a qualified RFP, including a breakdown and explanation of the proposed budget. **At a minimum, the budget must include per fixture pricing for each of the following materials: fuses, fuseholders, photo cells, wiring, Aluminium Arms (where applicable), non-Cobra-Head fixtures (optional), and any other materials required during installation. The budget must also include per fixture pricing for the installation labour.**

Additionally, the following Questions & Answers section is provided to assist proponents in preparing their RFP responses:

Q: Please confirm the proponent will be responsible for the procurement of the fixtures through the B.C. Government's supply arrangements on behalf of the district and not that the District will purchase the fixtures directly themselves with procurement



assistance from the proponent? In such a case, the price of the fixtures would be included in the proponents RFP price.

A: The CSA agreement requires the District to purchase the fixtures directly (have a PO and provide payment directly). As such, the proponent should not include pricing for the Cobra Head fixtures in their submission. The proponent and District will work together to select the products, the proponent will assist the District in ordering the fixtures, and the proponent will be responsible for receiving, handling, and storing the fixtures.

Q: Does the District have any specific guidelines on Traffic Accommodation in order to produce a traffic plan for the installation?

A: A copy of the District's Temporary Road Closure policy, including information regarding standards for traffic control measures, is included below. Additional information is provided in the 'Safety' section of Schedule A. All road closures must be approved by the Manager of Works, who may have additional requirements.

Q: Can the District provide images or drawings of the existing Decorative/Top Hat/Flood fixtures?

A: Drawings with further information regarding the Decorative and Top Hat fixtures is included below. Photos showing some of the flood light fixtures are provided; however, there are several locations and styles throughout the District.

Q: What styles are required for the decorative fixtures?

A: Approximate inventory (to be verified by proponent)

125	100w HPS decorative (4 = Windsor; 38 = Domus; 83 = Dorchester)
87	150w HPS decorative (80 = Windsor; 7 = Dorchester)
2	250w HPS decorative (2 = Dorchester)

Q: Where are the Flood lights installed? Are they used for roadway lighting?

A: Flood lights are installed in several locations, including on standards in parking lots, as wall packs on buildings, and ground-mounted to provide lighting for promotional signage. None are used for roadway lighting.

Q: Please describe the existing luminaire grounding system.

A: Currently, a large number of the luminaires do not have any ground wiring. In these cases, it will need to be added. In instances where wiring exists, it will be replaced as part of this project.

Q: Are the streetlights in question on wooden poles (overhead power) or steel poles (underground power)? If there is a mixture of underground and overhead lights could we please have an approximate value for each?

A: Cobra Head: 557 on wood poles, 215 on steel standards; Dusk to Dawns: 141 (all) on wood poles; all 'decoratives' listed in the inventory (coach-style, Victorian-style, and downlights) are on steel standards; all Top Hats on steel standards



Q: Does the District of Summerland know the exact location of the junction boxes for all underground lighting if there are any?

A: Yes, and these are marked in our GIS.

Q: What voltage are the lights?

A: 120 (a few 240)

Q: In Schedule 'A', under the Streetlight Design section point a., it states "Submit detailed photometric designs for all roads, intersections, sidewalks, and walkways". Please confirm if we are to submit specific photometric designs for all roads or if it is one photometric design per road type with similar conditions and parameters?

A: Proponents should explain their recommended approach and methodology to the photometric design, including any specialized methods they believe would add value to the project as part of their submission.

Q: Field surveys will be required to collect the level of details including pole setback, road width, number of traffic lanes, and wire location in order to produce a GIS file. Is this the intent?

A: Proponents should explain their recommended approach and methodology to verifying the streetlight inventory, including any specialized methods they believe would add value to the project as part of their submission.

Q: Is there an existing CAD file for streetlights that shows where the streetlights are located? Do you have CAD drawings of the distribution patterns/pole heights etc.?

A: Yes, the District has an existing CAD file for streetlights, which includes locations, and pole heights. Fixture heights and the existing distribution patterns are not included. The District also has all streetlight locations mapped in GIS.

Q: Please confirm that the audit covers all fixtures (i.e. deco's included, even though they're outside of the scope of work).

A: All pricing, work plans, and other details regarding Decorative, TopHat, and Floodlight fixtures should be included as a separate item (as an optional item, at the Proponent's discretion).

Q: According to the section Materials & Warranty point b. the bidders have to "Replace all fuses, fuseholders, photo cells, and wiring (including adding a ground wire) for each luminaire". Please confirm that the District wants to replace the wire between the fixture and the secondary connection for all the fixtures.

A: Yes, all wiring between the fixture & secondary connection is included.



Q: In the main RFP document it states to provide two (2) completed printed copies; however, in the proposal submission form it states to provide two (2) printed originals. Would printed copies of the proposal be acceptable, please confirm?

A: Yes, 2 printed copies are acceptable.

Q: Is lighting required to be to a specific TAC standard?

A: Proponents are responsible for being familiar with the RP-8-14 and all applicable Transportation Association of Canada standards, and ensuring the photometric designs meet or exceed those standards.

Q: Is the wire on wood pole mounted luminaries to be replaced as well or only for steel poles?

A: Yes, the wiring for all fixtures is included.

Linda Tynan
CAO



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CONSTRUCTION PURPOSES TEMPORARY ROAD, SIDEWALK, OR PARKING STALL CLOSURE APPLICATION

Date: _____

Applicant: _____

Contact Person: _____

Mailing Address: _____

Tel: _____ Fax: _____

Purpose of Closure: _____

Date(s) of Closure: _____ Time: _____ am/pm _____ am/pm
start finish

Description of area to be closed: _____

All traffic control measures shall conform to the principals and applications as described in the Ministry of Transportation Traffic Control Manual for work on roadways.

The District of Summerland will inform the following agencies 24 hours prior to Closure on your behalf:

- | | |
|---|--|
| ☐ RCMP debbie.lapshinoff@rcmp-grc.gc.ca | ☐ BC Transit shirleyg@pdcrs.com |
| ☐ kiki.longstreet@rcmp-grc.gc.ca | ☐ Fire Dept. sfd@summerland.ca |
| ☐ BC Ambulance thomas.ratcliffe@bcehs.ca | ☐ Bylaw Services gellis@summerland.ca |
| ☐ School District 67 Buses Fax: 494-9599 ← if closure is during weekday(s) | |
| ☐ Waste Connections csr-penticton-osoyoos@wasteconnections.com ← if closure is during weekday(s) | |

Special Conditions, if applicable:

Approved by: _____ Date: _____
Manager of Works

Applicant: _____ Date: _____
(signature required if Special Conditions apply)

POLICY STATEMENT AND REGULATIONS

Number: 400.5

TEMPORARY ROAD, SIDEWALK, OR PARKING STALL CLOSURE

POLICY OBJECTIVE

To outline the process to temporarily close a road, sidewalk, or parking stall for a use that is allowed under this policy.

POLICY

General

1. The Director of Works and Utilities (the 'Director'), or their authorized designate, is hereby authorized to issue, alter, or cancel permits in accordance with this policy.
2. The permits shall be in a form as approved by the Director and may contain provisions, specifications, and requirements the Director deems necessary to protect the interests of the District.
3. Liability insurance in the amount of not less than \$2,000,000 is required with each application and the District must be identified as an additional insured.

Construction

4. Temporary road, sidewalk, or parking stall closures for construction do not require the approval of Council.
5. There is no fee for a permit to temporarily close a road, sidewalk, or parking stall for construction.

Special Events

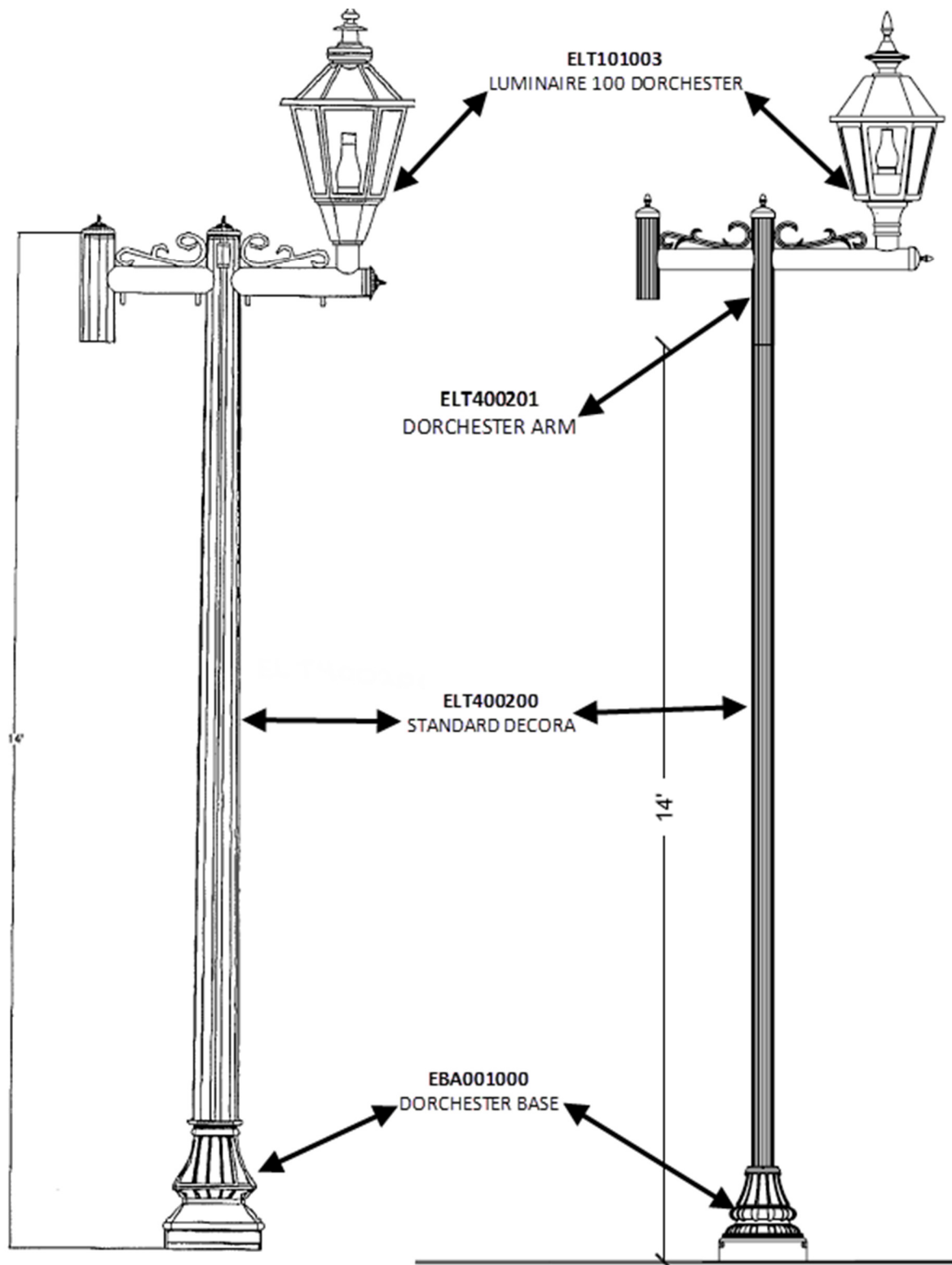
6. Temporary road, sidewalk, or parking stall closures will only be considered for community events which are sponsored by a recognized organization.
7. Notwithstanding Article 2, first time temporary road closures for special events must be approved by Council.
8. There is no fee for a permit to temporarily close a road for a community event.

Sidewalks and Parking Stalls

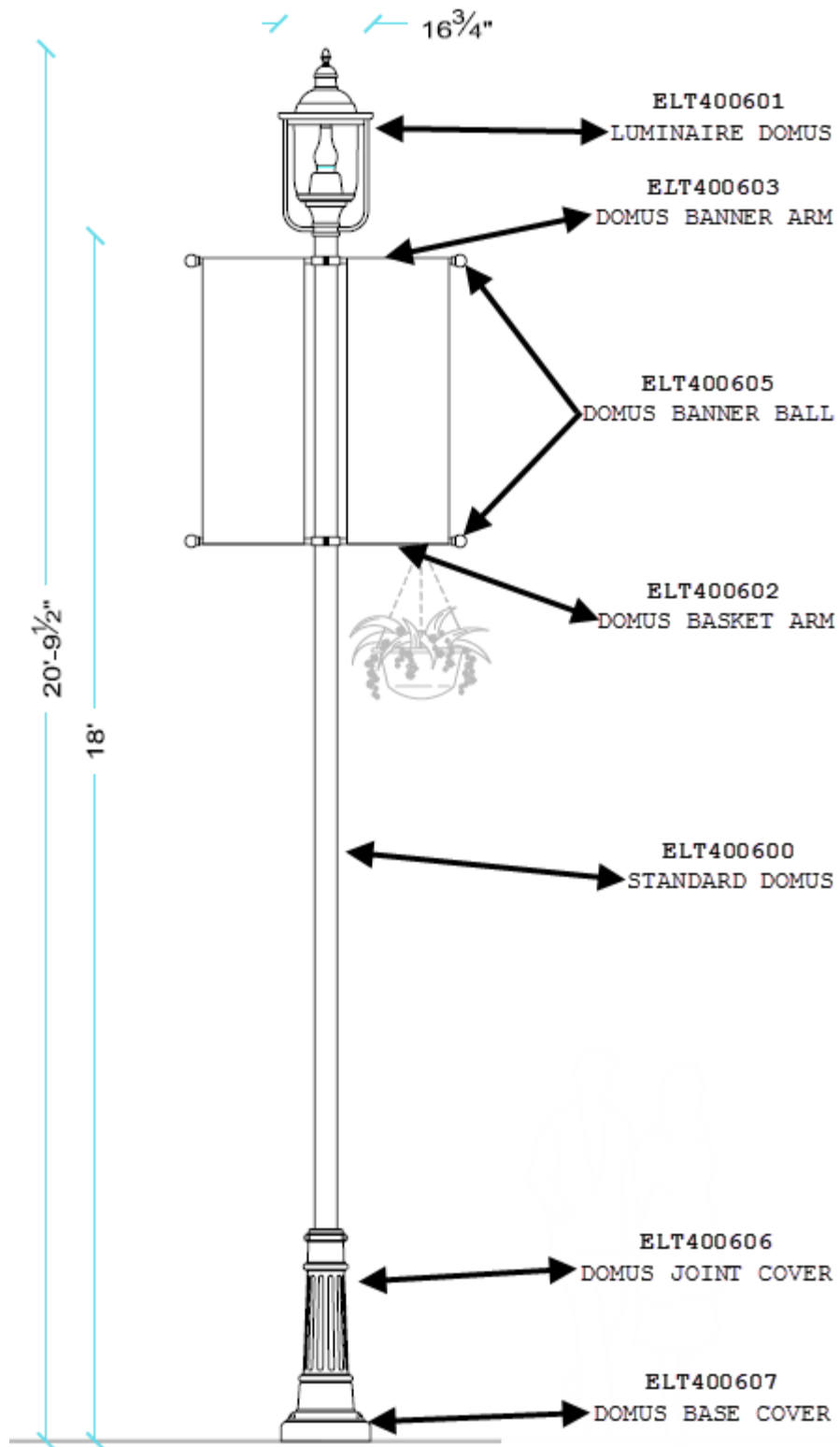
9. Applications may be made to use a portion of a sidewalk or parking stalls in the Town Center Development Permit Area provided that the proposed use does not compromise safety, unnecessarily restrict vehicular or pedestrian movement, and is adjacent to the business for which the application is being made.
10. The Director cannot issue a permit until the applicant obtains the necessary licensing from the Ministry of Health, the Liquor Inspector, or any other applicable regulatory agency.
11. Applications are non-recurring and must be re-applied for each calendar year.
12. The annual application fee shall be \$100.00 for use of a public parking space and \$50.00 for use of a portion of public sidewalk.

Adopted: November 10, 2014

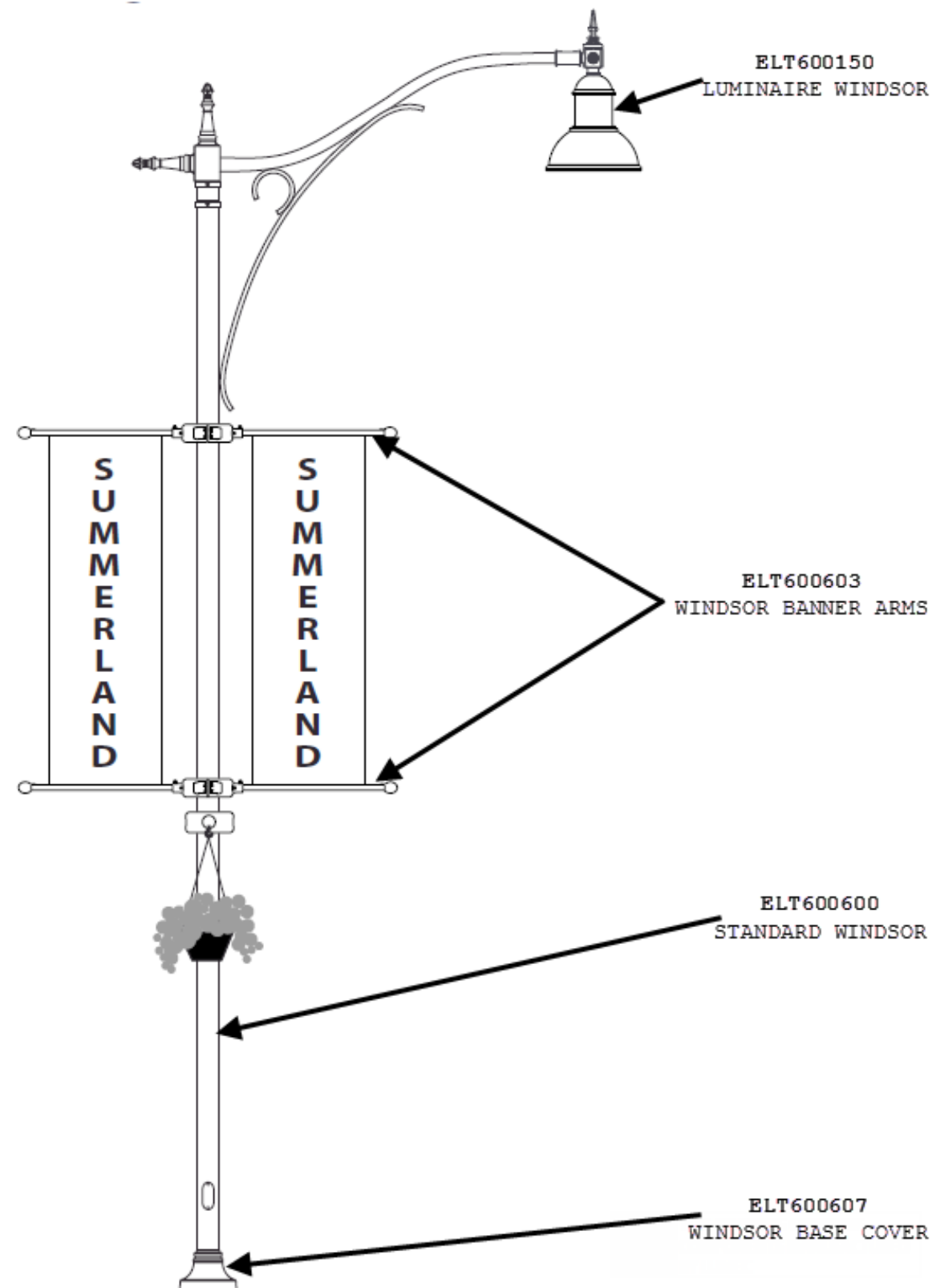
DORCHESTER DECORATIVE LIGHTING



DOMUS DECORATIVE LIGHTING



WINDSOR DECORATIVE LIGHTING





P17M70S1H2LMN2GRU

GUIDE FORM SPECIFICATIONS POST MOUNT LUMINAIRES

GENERAL DESCRIPTION

The decorative post top luminaire designated _____ (identify) shall be a GE POST MOUNT luminaire, consisting of ordering number _____ (specify P16M or P17M) luminaire, ordering number _____ (specify P16M or P17M, plus ordering number logic from catalog), or approved equal, to operate one _____ (specify [70, 100 or 150(55V)] watt high pressure sodium [HPS] or 175 watt metal halide or mercury) lamp from a nominal _____ (specify 120, 208, 220, 240, 277, 347 or 480 volt, 60 Hz or 240 volt, 50 Hz) power source. The luminaire shall include a completely prewired integral ballast and an optical assembly that shall provide an IES Distribution Type _____ (specify MN2, MN3, MS5 or SN5 according to photometric selection table in catalog). The luminaire shall be ULcUL Listed **SUITABLE FOR WET LOCATIONS when polycarbonate refractor is used and "U" option is chosen**. Standard construction is IP54. Ballast, housing, optical and luminaire assembly shall all be from the same manufacturer.

MECHANICAL CONSTRUCTION

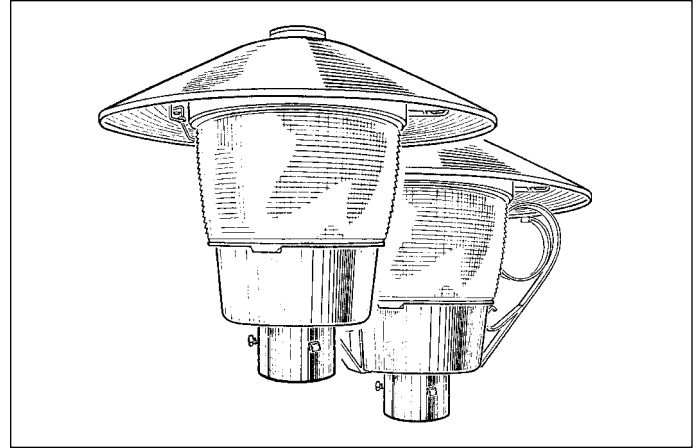
The luminaire shall include a die-cast aluminum ballast housing with hinged and gasketed spun aluminum canopy having stainless steel latch for no-tool relamping, refractor, plug-in ignitor (HPS lamps only), ballast and terminal board and corrosion resistant hardware. A prewired photoelectric control receptacle shall be available. Canopy, decorative scrolls (P16M only) and housing shall be painted _____ (specify black [standard for P16M], dark bronze or gray [standard for P17M]).

GR?

BALLAST OPERATION

The luminaire shall have a _____ (specify) ballast*. The plug-in type ignitor (for HPS only) and ballast shall be prewired to the lamp socket requiring connection of power supply leads only. The ballast shall be in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture.

The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for mercury or metal halide or -40°F for HPS.



OPTICAL ASSEMBLY

The optical assembly shall contain a mogul base E39 socket with superior lamp gripping. The socket shall have added insulation, giving it the ability to handle the higher pulse ratings of newer HID systems. The optical assembly shall have _____ (specify an acrylic or a polycarbonate resin prismatic refractor [may be UL1572 Listed **SUITABLE FOR WET LOCATIONS** and CSA Certified]).

* REFER TO PRODUCT PAGE FOR BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.

SALEM™ TOP MOUNTED LAMP

APPLICATIONS

- Residential areas and walkways
- Shopping centers and malls

SEMT10S12TLMS2FRGN

SPECIFICATION FEATURES

- /  1598 listed when Polycarbonate refractor (TL) is used and "U" option is chosen
- Die Cast aluminum housing
- Cutoff optics available
- Stainless steel catch to avoid hinge breakage
- Acrylic or Polycarbonate textured

- refractors, clear glass panels, or flat glass for cutoff distributions
- Integral ballast in top of luminaire
- Top socket
- Stainless steel latch to secure canopy
- Terminal board standard
- Plug-in ignitor
- No-tool PE receptacle
- E39 Mogul base socket standard where lamp is available in mogul base (E26 Medium base socket otherwise)
- Powder coat paint finish

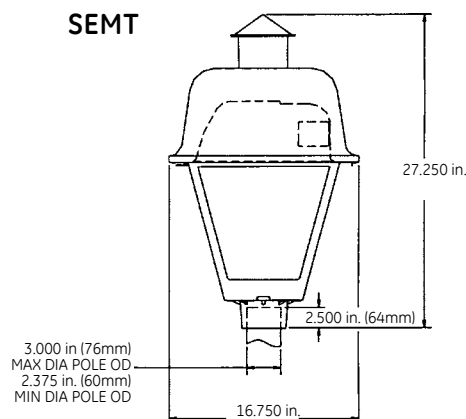
ORDERING NUMBER LOGIC

SEMT	10	S	1	N	1	TA	MS3	BL	XXX
PRODUCT IDENT	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	PE FUNCTION	REFRACTOR	IES DISTRIBUTION TYPE	COLOR	OPTIONS
XXXX	XX	X	X	X	X	XX	XXX	XX	XXX
SEMT = Salem Luminaire	05 = 50 07 = 70 10 = 100 15 = 150	S = HPS P = PMH T = INDUCTION	0 = Multivolt 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347 Multivolt Factory Conn 277V	See Ballast and Photometric Selection Table H = HPF Reactor or Lag N = NPF Reactor or Lag E = Induction Ballast	1 = None 2 = PE Receptacle 4 = Shorting Cap 5 = PE receptacle with PE control	TA = Textured Acrylic Refractor TL = Textured Lexan Refractor CA* = Clear Acrylic Side Panels CL = Clear Lexan Side Panels FG* = Flat Glass Upper Lens CG* = Clear Glass Side Panels	S = Short M = Medium C = Cutoff S = Semi-cutoff 2 = Type 2 3 = Type 3 5 = Type 5	WH=White BL=Black DB=Dark Bronze GR=Gray (ecoat only) AL=Aluminum GN=Forest Green CG=Charcoal Gray	F = Fused U =  /  available only with TL refractor (ballast in bottom) P = Prewire with 6' of 14/3 cable 002 = Pendant mount 1-1/4 NPSL

*NOTE: Flat glass lens is not available with 150W PMH.
Ballast for 150W PMH with other refractor options located in bottom.

SALEM™ TOP MOUNTED LAMP

FIXTURE DIMENSIONS



DATA

SEMT

Approximate Net Weight	12-18 lbs	5-8 kgs
Suggested Mounting Height	10-18 ft.	3-5 M
Effective Projected Area	1.6 sq ft max	.15 sq M max

BALLAST AND PHOTOMETRIC SELECTION TABLE*

All light sources are clear unless otherwise indicated.

Wattage	Light Source	Ballast Type/Voltage								
		60Hz								
		Multi-volt	120	208	240	277	480	120X 240	347, 120X347	240/120 PE R
50	HPS	N/A	H, N	N/A	N/A	N/A	N/A	N/A	H	N/A
70, 100, 150 (55V)	HPS	A, H	A, H, N	A, H, N	A, H, N	A, H, N	A	N/A	H	N/A
**70, 100	PMH	H, N	H, N	H, N	H, N	H, N	H, N	H, N	C/F	H, N
**150	PMH	N/A	H	H	H	H	N/A	H	N/A	H
100	IND	E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not available.

*Also see Photometric Table on Page A-65.

** Medium Base Socket

GLOBE ACCESSORY

Globe-C FOR USE WITH SEMT WITH CLEAR SIDE PANELS

Globe-F FOR USE WITH SEMT WITH CLEAR FLAT GLASS UPPER LENS



GLOBE

(For use with Cutoff Only)

REFERENCES

See Page A-64 for start of Accessories.

See Page A-68 for Explanation of Options and Other Terms Used.

See Page A-75 for Photometry

See Pole and Bracket Section Page P-2 for pole selection.





