

**PUBLIC NOTICE  
INVITATION TO BID # 1118**

The Springfield Electric Department will be accepting sealed bids for the following:

**66 – North Yorkshire Aluminum Poles**

**66 – Granville II, LED Decorative Light Fixtures**

Bid specifications may be downloaded at [www.springfield-tn.org](http://www.springfield-tn.org). Call Robert Gardner at (615) 384-6770 with questions. Bids must be received in the Office of the City Recorder, 405 North Main Street, Springfield, TN 37172 by **2:00 pm local time, Tuesday, January 21, 2020**. The City of Springfield reserves the right to reject any and all bids.

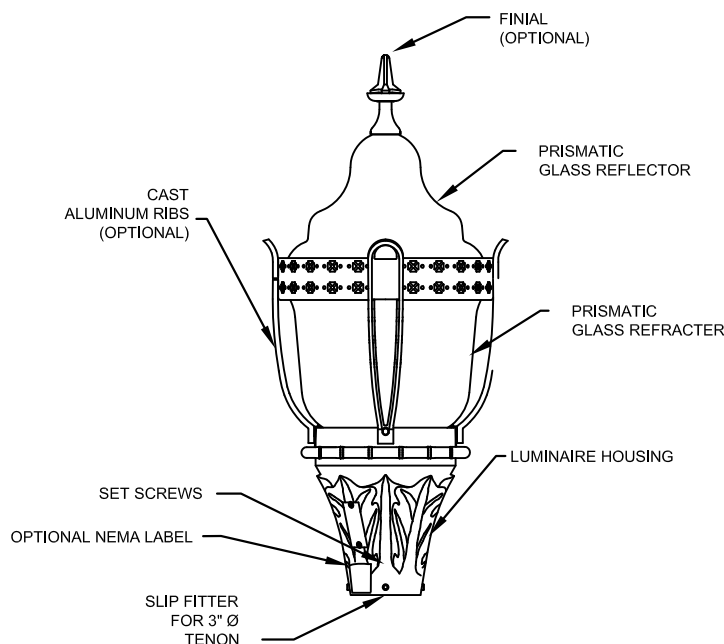
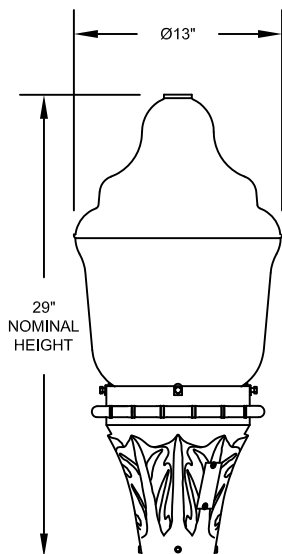
Lisa H. Crockett  
City Recorder

**Decorative Street Light****Bid #1118**

Qty.	Description	Delivery	Price
66	Granville II, LED decorative street light fixture. LED performance package		
	P50 (equal to 100 watts) color temperature 40K, multi-tap voltage option,		
	housing to be black, modern style wing open design. Type three (3)		
	distribution optics. Trim to be ribs and band type with standard finial.		
	Trim and finial to be gold in color.		
	To have field adjustable output and dimming PC receptacle		
	Holophane cat. no. GVD2P5040KASMBK3RSGLAOP7		
	no equals accepted		

**The City of Springfield reserves the right to reject any and all bids.**

Maximum weight - 47 lbs  
Maximum effective projected area - 1.38 sq. ft.



\*drawing depicting base model no finial.

# GranVille® II LED

Prismatic Style: Glass Classic  
Housing Size: Standard

## DECORATIVE OUTDOOR

**HOLOPHANE®**  
LEADER IN LIGHTING SOLUTIONS  
An Acuity Brands Company  
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THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

### ORDERING INFORMATION:

#### GVD2

HOUSING  
GVD2 = GRANVILLE  
CLASSIC STANDARD

**LED PERFORMANCE PACKAGE**  
(SEE PRODUCT COMPATIBILITY  
TABLE FOR OPTIONS)  
P10 = AS=26W / AH=33W  
P20 = AS=39W / AH=49W  
P30 = AS=60W / AH=68W  
P40 = AS=81W / AH=90W

**COLOR TEMPERATURE**  
30K = 3000 K CCT  
40K = 4000 K CCT  
50K = 5000 K CCT

**VOLTAGE**  
AS = AUTO-SENSING VOLTAGE  
(120 THRU 277 V)  
AH = AUTO-SENSING VOLTAGE  
(347 THRU 480 V)

**HOUSING**  
A = ARCADIAN STYLE  
CASTING FOR USE  
WITH 7" POST  
CAPITAL  
C = CONVEX STYLE  
CASTING FOR USE  
WITH 7" POST  
CAPITAL  
F = FLUTED STYLE  
CASTING FOR USE  
WITH 7" POST  
CAPITAL  
L = LEAF STYLE CASTING  
FOR USE WITH 3"Ø  
TENON  
S = SIMPLE STYLE CASTING  
FOR USE WITH 3"Ø  
TENON

**HOUSING COLORS**  
BK = BLACK  
BZ = BRONZE  
GH = GRAPHITE  
GN = GREEN  
GR = GREY  
PP = PRIME PAINT  
WH = WHITE  
CMC = CUSTOM MATCH  
COLOR  
TDC = TIGER DRYLAC  
COLOR (RALxxx)  
XX = STD FINISH, TBD

**OPTICS**  
(SEE PRODUCT  
COMPATIBILITY TABLE  
FOR OPTIONS)  
3 = IES TYPE III  
DISTRIBUTION  
5 = IES TYPE V  
DISTRIBUTION  
6 = IES TYPE III  
LUNAR OPTIC  
8 = IES TYPE V  
LUNAR OPTIC

**FINIAL**  
B = BALL  
C = CLEAR  
E = EAGLE  
F = FLOWER  
N = NONE  
P = PAWN  
R = CROSS  
S = STANDARD  
T = ROM CROSS

**TRIM/FINIAL COLORS**  
BK = BLACK  
BZ = BRONZE  
GL = GOLD  
GH = GRAPHITE  
GN = GREEN  
GR = GREY  
PP = PRIME PAINT  
WH = WHITE  
CMC = CUSTOM  
MATCH COLOR  
TDC = TIGER DRYLAC  
COLOR (RALxxx)  
XX = STD FINISH, TBD  
U<sup>3</sup> = NO TRIM & CLEAR  
OR NO FINIAL

**TRIM**  
R = RIBS & BAND  
N = NO TRIM

### OPTIONS

#### CONTROL OPTIONS

FPDxx<sup>4</sup> = FACTORY PROGRAMMED DRIVER (xx = % OF LUMENS OR WATTS)  
PND12<sup>5</sup> = 0-10V PART-NIGHT DIMMING, INCLUDES BLC2 & 120V BUTTON  
PHOTOCONTROL  
PND20242<sup>6</sup> = 0-10V PART-NIGHT DIMMING, INCLUDES BLC2 & 208 - 277V BUTTON  
PHOTOCONTROL

#### COVER OPTIONS

F = FULL COVER

M<sup>6</sup> = MAYFIELD 1/2 COVER

#### NEMA WATTAGE LABEL OPTIONS

NL1X1 = 1 X 1 NEMA LABEL

NL2X2 = 2 X 2 NEMA LABEL

#### PREWIRE LEAD OPTIONS

L1H = 1.5 FEET OF PREWIRED LEADS  
L10 = 10 FEET OF PREWIRED LEADS  
L25 = 25 FEET OF PREWIRED LEADS

L03 = 3 FEET OF PREWIRED LEADS  
L20 = 20 FEET OF PREWIRED LEADS  
L30 = 30 FEET OF PREWIRED LEADS

### ACCESSORIES

#### DECORATIVE BAND OPTIONS

GVBANDX<sup>9</sup> = DECORATIVE BAND (INSERT TRIM FINISH  
FOR X), FOR EXAMPLE: GVBANDBK (BLACK)

#### HOUSE SIDE SHIELD OPTIONS

GVDHSS90<sup>10</sup> = HOUSE SIDE SHIELD SOLID 90 DEGREE  
GVDHSS120<sup>10</sup> = HOUSE SIDE SHIELD SOLID 120 DEGREE  
GVDHSS180<sup>10</sup> = HOUSE SIDE SHIELD SOLID 180 DEGREE  
GVDHSL90<sup>11</sup> = HOUSE SIDE SHIELD SOLID 90 DEGREE (LUNAR)  
GVDHSL120<sup>11</sup> = HOUSE SIDE SHIELD SOLID 120 DEGREE (LUNAR)  
GVDHSL180<sup>11</sup> = HOUSE SIDE SHIELD SOLID 180 DEGREE (LUNAR)

#### PHOTOCONTROL OPTIONS

GVD12X<sup>12</sup> = BUTTON STYLE PHOTOCONTROL KIT WITH 120V DTL  
PHOTOCELL (INSERT FINISH FOR X)  
GVD27X<sup>12</sup> = BUTTON STYLE PHOTOCONTROL KIT WITH 208 - 277V  
DTL PHOTOCELL (INSERT FINISH FOR X)  
GVD34X<sup>12</sup> = BUTTON STYLE PHOTOCONTROL KIT WITH 347V  
PHOTOCELL (INSERT FINISH FOR X)

#### DECORATIVE ADAPTER OPTIONS

GV1A73X<sup>13</sup> = 3" TO 7" POST CAPITAL. CONVERTS 3" POST TENON  
TO FLARED 7" POST CAPITAL. FIELD INSTALLED  
(INSERT FINISH FOR X)

NOTES ARE LOCATED ON PAGE 3

ORDER #:

TYPE:

DRAWN: RAF

DATE: 7-17-2018

DWG #: LUM\_GVD2S

# Performance Data

## AS Voltage Option Data

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	3	26	3,024	116	1	3	3	3,180	122	1	3	3	3,180	122	1	3	3
	5	26	3,023	116	2	3	2	3,179	122	2	3	2	3,179	122	2	3	2
P20	3	39	4,990	128	2	4	4	5,247	135	2	4	4	5,247	135	2	4	4
	5	39	4,988	128	3	4	3	5,245	134	3	4	3	5,245	134	3	4	3
P30	3	60	7,076	118	2	5	4	7,440	124	2	5	4	7,440	124	2	5	4
	5	60	7,074	118	3	4	3	7,438	124	3	5	3	7,438	124	3	5	3
P40	3	81	8,847	109	3	5	5	9,303	115	3	5	5	9,303	115	3	5	5
	5	81	8,845	109	3	5	4	9,300	115	4	5	4	9,300	115	4	5	4
P50	3	100	10,359	104	3	5	5	10,892	109	3	5	5	10,892	109	3	5	5
	5	100	10,356	104	4	5	4	10,889	109	4	5	4	10,889	109	4	5	4

## AH Voltage Option Data

LED Package	Distribution	System Watts	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P10	3	33	3,024	92	1	3	3	3,180	96	1	3	3	3,180	96	1	3	3
	5	33	3,023	92	2	3	2	3,179	96	2	3	2	3,179	96	2	3	2
P20	3	49	4,990	102	2	4	4	5,247	107	2	4	4	5,247	107	2	4	4
	5	49	4,988	102	3	4	3	5,245	107	3	4	3	5,245	107	3	4	3
P30	3	68	7,076	104	2	5	4	7,440	109	2	5	4	7,440	109	2	5	4
	5	68	7,074	104	3	4	3	7,438	109	3	5	3	7,438	109	3	5	3
P40	3	90	8,847	98	3	5	5	9,303	103	3	5	5	9,303	103	3	5	5
	5	90	8,845	98	3	5	4	9,300	103	4	5	4	9,300	103	4	5	4
P50	3	100	10,359	104	3	5	5	10,892	109	3	5	5	10,892	109	3	5	5
	5	100	10,356	104	4	5	4	10,889	109	4	5	4	10,889	109	4	5	4

## FPDxx Data Table (Only Available With AS Option)

FPDxx setting		P10 30K		P10 40K		P10 50K	
		Not Available		Not Available		Not Available	
FPDxx setting	AS Wattage	P20 30K		P20 40K		P20 50K	
		3	5	3	5	3	5
Standard	39	4,990	4,988	5,247	5,245	5,247	5,245
FPD95	38	4,770	4,768	5,016	5,014	5,016	5,014
FPD90	36	4,546	4,545	4,781	4,779	4,781	4,779
FPD85	34	4,320	4,318	4,543	4,541	4,543	4,541
FPD80	32	4,091	4,089	4,301	4,300	4,301	4,300
FPD75	30	3,858	3,856	4,057	4,055	4,057	4,055
FPDxx setting	AS Wattage	P30 30K		P30 40K		P30 50K	
		3	5	3	5	3	5
Standard	60	7,076	7,074	7,440	7,438	7,440	7,438
FPD95	57	6,897	6,895	7,252	7,250	7,252	7,250
FPD90	54	6,696	6,694	7,040	7,038	7,040	7,038
FPD85	51	6,473	6,471	6,806	6,804	6,806	6,804
FPD80	48	6,229	6,227	6,549	6,547	6,549	6,547
FPD75	45	5,964	5,963	6,271	6,269	6,271	6,269
FPDxx setting	AS Wattage	P40 30K		P40 40K		P40 50K	
		3	5	3	5	3	5
Standard	81	8,847	8,845	9,303	9,300	9,303	9,300
FPD95	76	8,549	8,547	8,989	8,986	8,989	8,986
FPD90	72	8,233	8,231	8,657	8,654	8,657	8,654
FPD85	68	7,900	7,898	8,307	8,304	8,307	8,304
FPD80	64	7,549	7,547	7,938	7,936	7,938	7,936
FPDxx setting	AS Wattage	P50 30K		P50 40K		P50 50K	
		3	5	3	5	3	5
Standard	100	10,359	10,356	10,892	10,889	10,892	10,889
FPD95	95	10,097	10,094	10,616	10,613	10,616	10,613
FPD90	90	9,802	9,799	10,306	10,304	10,306	10,304
FPD85	85	9,476	9,473	9,963	9,960	9,963	9,960

**GranVille® II LED**  
Prismatic Style: Glass Classic  
Housing Size: Standard

DECORATIVE  
OUTDOOR

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ORDER #:

TYPE:

DRAWN: RAF

DATE: 7-17-2018

DWG #: LUM\_GVD2S

## NOTES

1. Not available with "AO", "DE", "FPDXX" or "PND".
2. Not available with cover options "F" or "M".
3. Only use if "N" for Trim and either "C" or "N" for Finial is selected.
4. Refer to the FPDxx Data Table for lumens and wattages options.
5. "AS" (120V) only. Not available with accessory "GVD12X".
6. "AS" (208 - 277V) only. Not available with accessory "GVD27X".
7. Not available with "N" finial option or "M" option.
8. Not available with "N" finial option or "F" option.
9. Field installed. For use with units without factory installed ribs and band. X = Trim/Finial Color.
10. Field installed, for use with Optic "3" or "5" only.
11. Field installed, for use with Optic "6" or "8" only.
12. For "A", "C" or "F" casting, requires the use of GV1A73X.
13. Not available with "L" or "S" housing.

**GranVille® II LED**  
Prismatic Style: Glass Classic  
Housing Size: Standard

**DECORATIVE  
OUTDOOR**

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## Product Compatibility Table

LUMINAIRE, HOUSING & LED PACKAGE CONFIGURATIONS		
LUMINAIRE	HOUSING	LED PACKAGE
GVD2	A Arcadian	P10, P20, P30, P40
	C Convex	
	F Fluted	
	L Leaf Style - Standard	
	S Simple	

WATTAGE TABLE		
LED PACKAGE	AS	AH
P10	26W	33W
P20	39W	49W
P30	60W	68W
P40	81W	90W
P50	100W	100W

OPTICS/HOUSING/LED CONFIGURATION		
OPTICS	HOUSING	LED PACKAGE
3	A, C, F, L, S, M, T	P10, P20, P30, P40, P50
5		
6	A, C, F, L, S, M, T	P10, P20, P30, P40
8		

## Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Average Lumen Ambient Temperature (LAT) Multipliers			
°C	°F	Lumen Multiplier	LED Packages
0	32	1.06	P10, P20, P30, P40, P50
5	41	1.05	
10	50	1.04	
15	59	1.03	
20	68	1.01	
25	77	1.00	
30	86	0.99	
35	95	0.97	
40	104	0.96	

## Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Lumen Maintenance - LLD (same for all LED packages)							
Hours	0	25,000	36,000	50,000	60,000	75,000	100,000
Factor	1	0.93	0.93	0.92	0.91	0.9	0.89

The italicized data is extrapolated beyond the TM-21 standard.

$$E = (LM) \times (CU) \times (LAT) \times (LLD)$$

LM and CU are obtained from published photometry.

ORDER #:

TYPE:

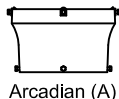
DRAWN: RAF

DATE: 7-17-2018

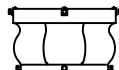
DWG #: LUM\_GVD2S

## Mark Appropriate Box for Trim Option

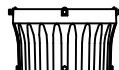
### Housing

☐


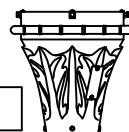
Arcadian (A)

☐


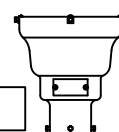
Convex (C)

☐


Fluted (F)

☐


Leaf (L)

☐


Simple (S)

### Cover

☐


No Cover

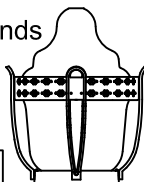
☐


Mayfield Cover (M)

☐


Full Cover (F)

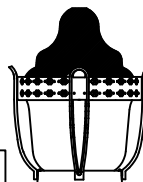
### Ribs & Bands

☐


Ribs and  
Band  
(R)

☐


Ribs, Band, and  
Mayfield Cover  
(R & M)

☐


Ribs, Band,  
and Full Cover  
(R & F)

### Finial

☐


NONE  
(N)

☐


BALL  
(B)

☐

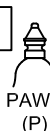

CLEAR  
(C)

☐


EAGLE  
(E)

☐

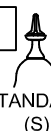

FLOWER  
(F)

☐


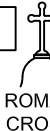
PAWN  
(P)

☐


CROSS  
(R)

☐


STANDARD  
(S)

☐


ROMAN  
CROSS  
(T)

**GranVille® II LED**  
Prismatic Style: Glass Classic  
Housing Size: Standard

DECORATIVE  
OUTDOOR

**HOLOPHANE®**  
LEADER IN LIGHTING SOLUTIONS  
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## Specifications

### GENERAL DESCRIPTION

The GranVille II LED Standard is designed for use with traditional applications fitting a 3" tenon or 7" crown post. The traditional acorn shaped luminaire, while reminiscent of the 1920's, contains a precision optical system that maximizes post spacings while maintaining uniform illumination.

### OPTICAL SYSTEM

The optical system consists of a precisely molded thermal resistant borosilicate glass refractor and top reflector mounted within the decorative aluminum housing. The glass top reflector redirects over 50% of the upward light into the controlling refractor while allowing a soft uplight component to define the traditional acorn shape of the luminaire. Two decorative aluminum covers are available. The lower refractor uses precisely molded prisms to maximize pole spacings while maintaining uniform illuminance. Two refractors are available, designed for I.E.S. type III and V distributions. Lunar optics shielding is available for asymmetric and symmetric distributions.

### LUMINAIRE HOUSING

The luminaire housing, cast of aluminum, provides an enclosure for the electrical module. Four uniquely designed stainless steel spring clips enclosed in a clear polyvinyl chloride sleeve and adjusted by hex head 1/4-20 bolts securely cradle the prismatic glass refractor. The same 1/4-20 bolts support the decorative rib and banding assembly. The slipfitter will accept a 3" by 2-7/8" to 3-1/8" O.D. tenon.

### ELECTRICAL MODULE

The electrical components are mounted on a aluminum plate that is removable with minimum use of tools. A matching conductor plug connects to the receptacle in the luminaire housing to complete the wiring.

### DRIVER

AS drivers are programmable dimmable drivers, with 0-10V control leads and AH drivers are dimmable (0-10V) drivers.

### FINISH

The luminaire is finished with polyester powder paint to insure maximum durability.

### WARRANTY

Limited warranty located at <http://www.acuitybrands.com/resources/terms-and-conditions>

### NOTE

Luminaire is CSA listed for Wet Locations.

Specification subject to change without notice.

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ORDER #:

TYPE:

DRAWN: RAF

DATE: 7-17-2018

DWG #: LUM\_GVD2S

**North Yorkshire Aluminum Pole****Bid #1118**

Qty.	Description	Delivery	Price
66	North Yorkshire Aluminum Pole, all aluminum, one-piece construction		
	Fourteen feet (14'-0") in height with a seventeen inch (0'-17") base. Shaft to be		
	four inch (0'-4") diameter, fluted style. Tenon to be three inch (0'-3") O.D.		
	Mounting of pole to be with galvanized anchor bolts. Anchor bolts to be		
	provided with pole. All to be black in color with a GFI receptacle in the base.		
	Holophane cat. no. NYA14F4C17P07ABGBKFGB		

**The City of Springfield reserves the right to reject any and all bids.**

# ORDERING INFORMATION:

NY	A		
Post	Material	Height	Shaft Style
NY = North Yorkshire	A = Aluminum	08 = 8' 09 = 9' 10 = 10' 11 = 11' 12 = 12' 13 = 13' 14 = 14' 15 = 15' 16 = 16' 17 = 17' 18 = 18' 19 = 19'	20 = 20' 21 = 21' 22 = 22' 23 = 23' 24 = 24' 25 = 25' 26 = 26' 27 = 27' 28 = 28' 29 = 29' 30 = 30' 17" Base FTJ 09 = 8'-7" 11 = 10'-7" 13 = 12'-7" 14 = 14'-1" 20" Base FTJ 09 = 8'-11" 11 = 10'-11" 13 = 12'-11" 14 = 14'-5" FTJ = Fluted Tapered, .25 Wall F4C = 4" DIA. Fluted, .125 Wall F4J = 4" DIA. Fluted, .25 Wall F5J = 5" DIA. Fluted, .25 Wall L4E = SiteLink 4.5" Fluted, .156 Wall L5J = SiteLink 5.25" Fluted, .25 Wall L6J = SiteLink 5.75" Fluted, .25 Wall S4C = 4" DIA. Smooth, .125 Wall S4J = 4" DIA. Smooth, .25 Wall S5J = 5" DIA. Smooth, .25 Wall T4C = 3" to 4" DIA. Tapered, .125 Wall T5C = 3" to 5" DIA. Tapered, .125 Wall
Base	Tenon	Mounting	Finish
17 = 17" Round (TMP-85) (L4E=TMP40008) (L5J & L6J = TMP40010) 20 = 20" Round (TMP-99)	P01 = POLE CAP P05 = 3" O.D. X 4" LG. P07 = 3" O.D. X 3" LG. P08 = 3" O.D. X 5" LG. P09 = 3" O.D. X 6" LG. P10 = 3" O.D. X 9" LG. P11 = 4.38 O.D. x 12" LG. (3" O.D. = ACTUAL SIZE IS 2.88" O.D.)	P12 = 3" O.D. X 12" LG. P13 = 3" O.D. X 8" LG. P14 = 3" O.D. X 14" LG. P15 = 3.5" O.D. X 8" LG. P16 = 4.5" O.D. X 10" LG. PT1 = VGC Plate	ABG = Anchor Bolts Galvanized Steel LAB = Less Anchor Bolts DBB = Direct Burial Base Galvanized Steel BK = Black BD = Dark Blue BZ = Bronze GH = Graphite GN = GREEN GR = Gray PP = Prime Painted SL = Silver WH = White AS = As Specified
	Accessories		Options
	NYA17BRKWYKITXX = BREAKAWAY KIT		EXXXY <sup>2</sup> = Provision for eye bolt. LXXX <sup>2</sup> = Large provision. RXXX <sup>2</sup> = Receptacle provision. SXXX <sup>2</sup> = Small provision. FGB = GFI receptacle in base

## SPECIFICATIONS

### DESCRIPTION

The lighting post shall be all aluminum, one-piece construction, with a classic tapered and fluted base design.

### MATERIALS

The base shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The straight shafts shall be extruded from aluminum, ASTM 6061 alloy, heat treated to a T6 temper. The tapered shaft shall be extruded from aluminum, ASTM 6063 alloy, spun to a tapered shape, then heat treated to a T6 temper. All hardware shall be tamper resistant stainless steel. Anchor bolts to be completely hot dip galvanized.

### CONSTRUCTION

The shaft shall be double welded to the base casting and shipped as one piece for maximum structural integrity. The shaft shall be welded inside the base casting at the top of the access door, and externally where the shaft exits the base. All welding shall be per ANSI/AWS

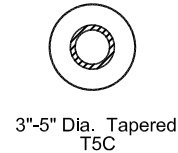
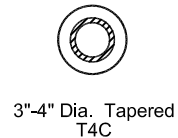
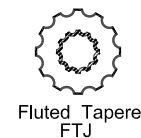
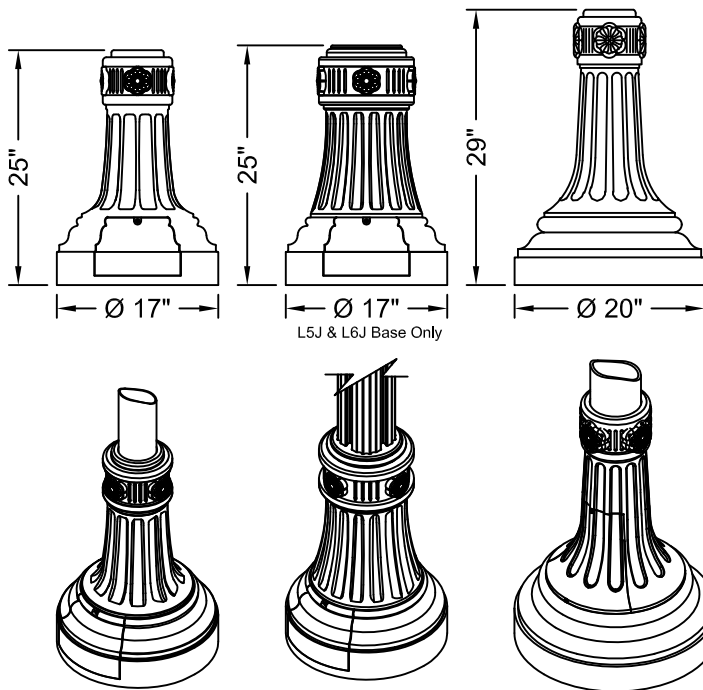
### DIMENSIONS

The post shall be X'- XX" in height with a 17" or 20" diameter base. The shaft diameter shall be XX". At the top of the post, an integral tenon with a transitional donut shall be provided for luminaire mounting.

### INSTALLATION

The post shall be provided with four, hot dip galvanized L-type anchor bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

<sup>2</sup> - Replace "XXX" with height from grade (inches), can be up to 3 digits. Must use whole numbers. Leading zeros are not used. Replace Y with orientation from hand hole (A=0, B=90, C=180, D=270). Add multiple provisions as necessary to cover each location. Must validate EPA restrictions for banners.



**NORTH YORKSHIRE**  
Aluminum Pole

Architectural  
Outdoor

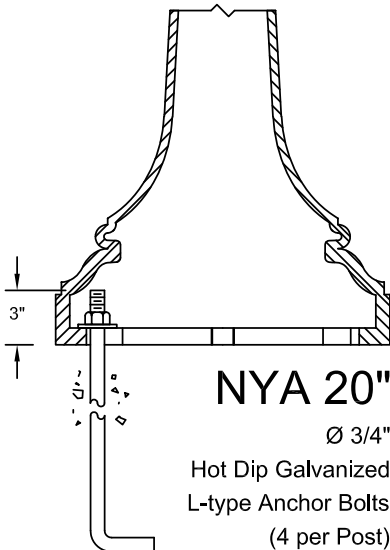
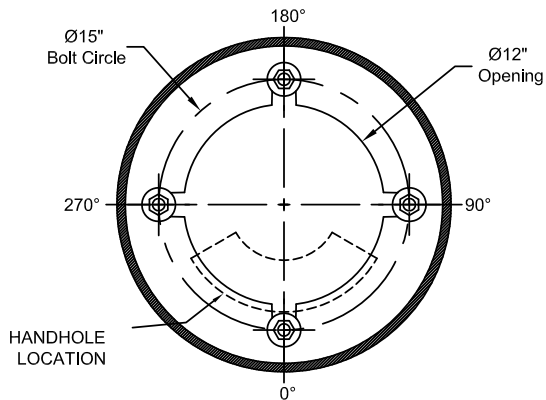
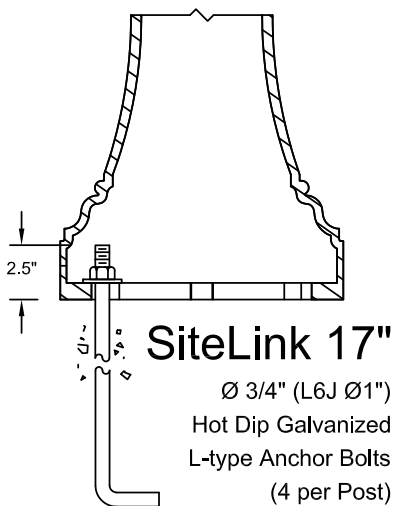
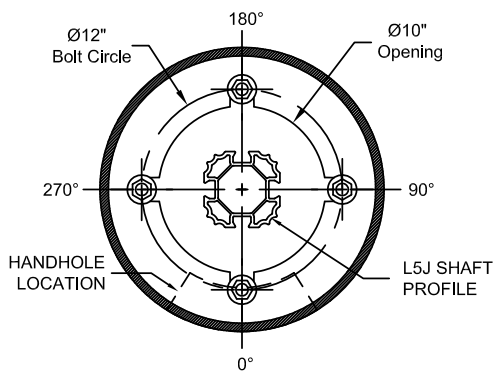
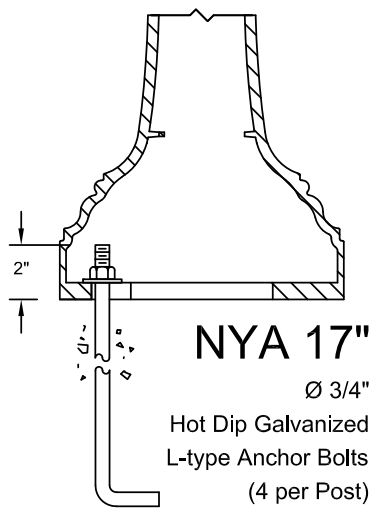
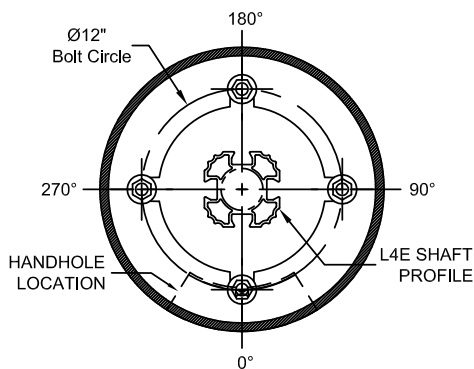
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LEADER IN LIGHTING SOLUTIONS  
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# ANCHORAGE GUIDE



**NORTH YORKSHIRE**  
**Aluminum Pole**

# Architectural Outdoor

 **HOLOPHANE®**  
LEADER IN LIGHTING SOLUTIONS  
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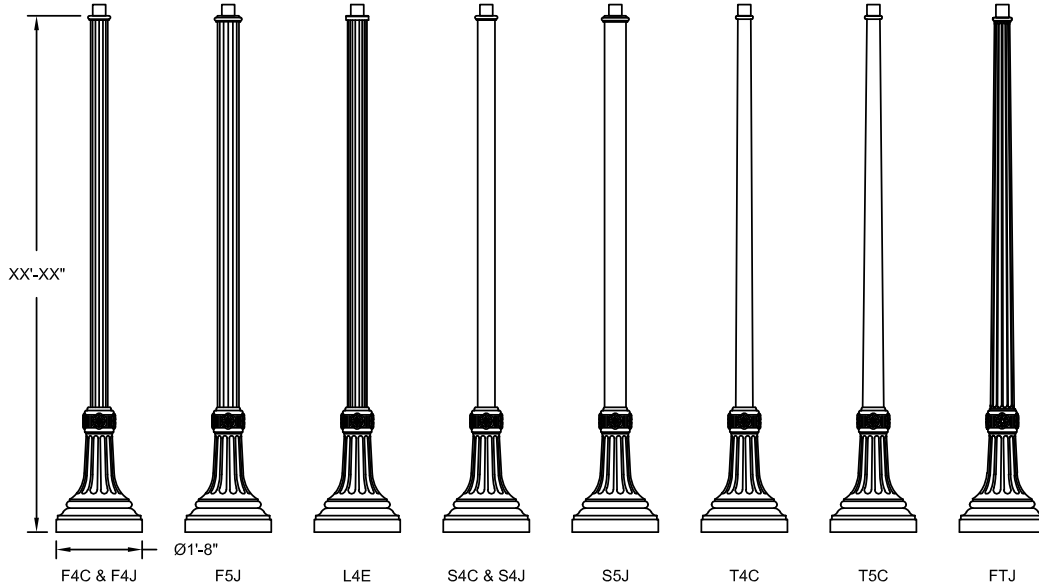
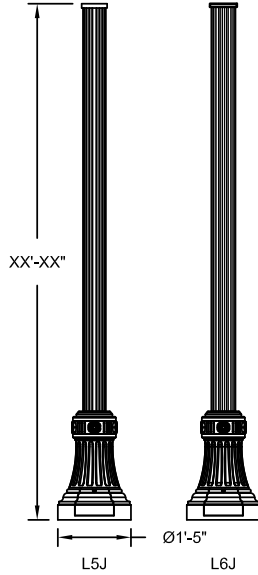
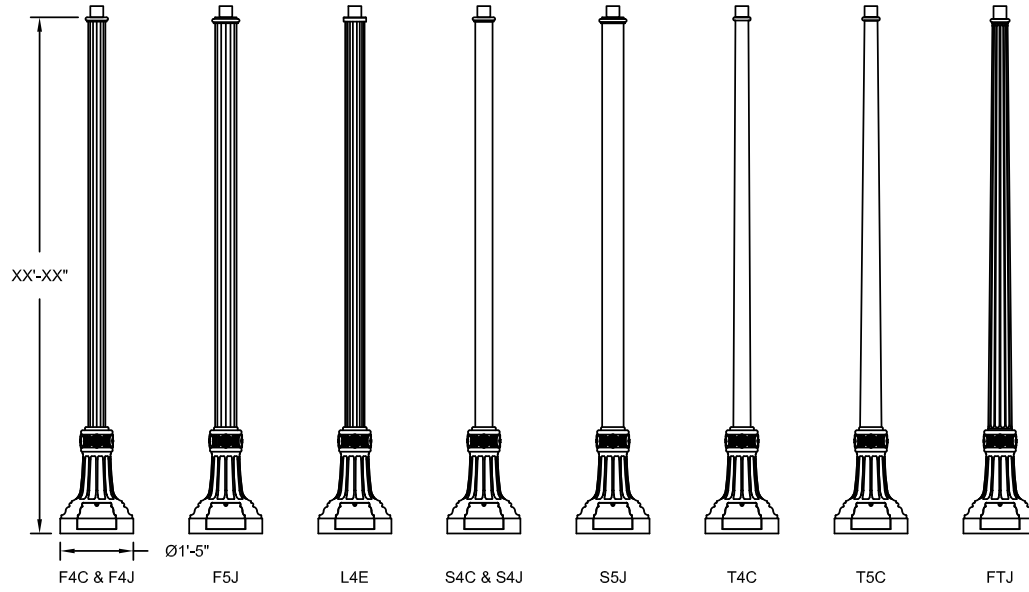
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# NORTH YORKSHIRE<sup>TM</sup>

## Aluminum Pole

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# IRAN DIVESTMENT ACT

## NOTICE

Tenn. Code Ann. § 12-12-106 requires the chief procurement officer to publish, using credible information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105.

For these purposes, the State intends to use the attached list of “Entities determined to be non-responsive bidders/offers pursuant to the New York State Iran Divestment Act of 2012.”

While inclusion on this list would make a person ineligible to contract with the state of Tennessee, if a person ceases its engagement in investment activities in Iran, it may be removed from the list.

If you feel as though you have been erroneously included on this list please contact the Central Procurement Office at [CPO.Website@tn.gov](mailto:CPO.Website@tn.gov).

List Date: September 20, 2019

Source: <https://www.ogs.ny.gov/iran-divestment-act-2012>

1. Ak Makina, Ltd.
2. Amona
3. Bank Markazi Iran (Central Bank of Iran)
4. Bank Mellat
5. Bank Melli Iran
6. Bank Saderat Iran
7. Bank Sepah
8. Bank Tejarat
9. China Precision Machinery Import- Export Corporation (CPMIEC)
10. ChinaOil (China National United Oil Corporation)
11. China National Offshore Oil Corporation (CNOOC)
12. China National Petroleum Corporation (CNPC)
13. Indian Oil Corporation
14. Kingdream PLC
15. Naftiran Intertrade Co. (NICO)
16. National Iranian Tanker Co. (NITC)
17. Oil and Natural Gas Corporation (ONGC)
18. Oil India, Ltd.
19. Persia International Bank
20. Petroleos de Venezuela (PDVSA Petróleo, SA)
21. PetroChina Co., Ltd.
22. Petronet LNG, Ltd.
23. Sameh Afzar Tajak Co. (SATCO)
24. Shandong FIN CNC Machine Co., Ltd.
25. Sinohydro Co., Ltd.
26. Sinopec Corp. (China Petroleum & Chemical Corporation)
27. SKS Ventures
28. SK Energy Co., Ltd.
29. Som Petrol AS
30. Unipet (China International United Petroleum & Chemicals Co., Ltd.)
31. Zhuhai Zhenrong Co.

# IRAN DIVESTMENT ACT

“By the submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not a person included within the list created pursuant to § 12-12-106.”

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_