

CITY OF WASHINGTON

PLANNING & DEVELOPMENT DEPARTMENT

301 Walnut St. · Washington, IL 61571

Ph. 309-444-1135 · Fax 309-444-9779

<http://www.washington-illinois.org>

joliphant@ci.washington.il.us

MEMORANDUM

TO: Mayor Manier and City Council
FROM: Jon R. Oliphant, AICP, Planning & Development Director
Ed Andrews, PE, Public Works Director
SUBJECT: Southeast Square Parking Lot Streetlights Authorization
DATE: September 29, 2017

Summary: Staff seeks authorization to purchase one 18' HPS single-head acorn-style light to be placed near the Ipava State Bank drive thru lanes and two 10' HPS five-globe style lights to be placed on the two southern islands at the southeastern Square parking lot. RNS Electric would complete the installation. The total cost of the lights and labor is \$19,835.

Background: As discussed previously amongst the Public Works Committee and Committee of the Whole, staff solicited quotes through Ty Slonneger of RNS Electric for various light options to utilize for the future placement of lights around the Square. These are from Sternberg and Sun Valley Lighting. The past meetings indicated a desire to proceed with one 18' HPS single-head acorn-style light near the Ipava State Bank drive thru lanes and two 10' HPS five-globe style lights on the two southern islands at the southeastern Square parking lot. The 18' light would contain a light deflector (\$45) and two rotatable street signs (\$590 total) without letters. A spreadsheet is attached with those quotes for the different lights from Sternberg and Sun Valley.

Conduit has been run to each of the islands to accommodate lights there. Sun Valley Lighting had the lower price on both of the streetlight options. The prices for the HPS options are as follows:

- 10' Sternberg: \$6,529 (\$13,058 for two lights)
- 10' Sun Valley: \$4,245 (\$8,490 for two lights)
- 18' Sternberg: \$3,758
- 18' Sun Valley: \$2,114

Ty has also quoted a cost of \$4,884 for the installation of the three parking lot lights. Additionally, staff and the Public Works Committee recommends having RNS construct an 18" diameter by 5' deep reinforced concrete base for the two parking lot poles. That work would cost an additional \$1,856 per light for a total of \$3,712. The total cost of the lights purchase and labor would be \$19,835.

Staff received feedback on a possible landscaped buffer for part of the southern boundary with the Post Office. Both a local landscaper and a master gardener felt that it would not be best to plant shrubs there due to poor soil conditions and the urban setting. The Public Works Committee discussed this at their meeting on September 5 and recommended that this be brought to the City Council for approval.

Staff seeks authorization to have RNS Electric purchase and install the three lights for a total not-to-exceed cost of \$19,835. This is scheduled for approval at the October 2 City Council meeting.

Square Streetlight Options									
Vendor	Poles/Fixtures					Accessories			
	10' HPS 5-head	10' LED 5- head	18' HPS 1-head	18' LED 1-head	18' banner arms	Light Deflector	Rotatable street sign		
Sternberg	\$6,529	\$7,929	\$4,095	\$3,758	\$508.69	??	\$270		
Sun Valley	\$4,245	\$6,898	\$2,114	\$2,848	\$170	\$45	\$295		
Individual Items									
Sun Valley 10' 5-head HPS		\$8,490							
Sun Valley 18' 1-head HPS		\$2,114							
Sun Valley Light Deflector		\$45							
Sun Valley Rotatable Street Signs		\$590							
RNS Installation of Three Lights		\$4,884							
RNS Concrete Base for Two Lights		\$3,712							
TOTAL		\$19,835							



PO Box 367
Washington, IL 61581
309.444.5200

Proposal

September 14, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: New electrical service & installation of 3 new pole lights.

We propose to supply and install the following material.

- New Milbank meter pedestal with 100-amp single phase 120/240-volt panel and meter socket.
- #2 aluminum wire in existing conduit from NW Corner Island to Ameren utility pole.
- Simple dusk to dawn controls with override switch to control pole lighting.
- Rework existing PVC conduits at pole lights and electrical service.
- Copper wire as need from power pedestal to 3 new pole lights.
- Two 18" diameter by 5' deep reinforced concrete bases.
- One new 10-1070-18FT-PT-XX-STD Finish black pole with GLR-YD-150-watt HPS-STD Finish HID fixture with HSS House shield lighting deflector and two new RSS-STD Rotatable street sign with no letters.
- Two new 5 head 10ft 7-1070 pole with 4+1 XAM arm with one 150-watt HPS 18" GL fixture in the center and four surrounding 50-watt HPS 16" GL

Total Quote: \$19,835.00

This Proposal does not include:

- **Any sales tax on material.**
- **Any overtime or double time.**
- **Any concrete foundation for pole light on Ford lane.**

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by:

Ty Slonneger
General Manager

By: _____

Date: _____

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

September 29, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: Installation of 3 pole lights in SE parking lot near Ipava State.

We propose to supply the following material.

- New copper wire from power pedicle to 2 new 10' aluminum pole lights. One pole light located in each of the south islands of the parking lot.
- New copper wire from power pedicle to new 18' pole light.
- Circuit breakers and contactors as needed.
- Lighting to be controlled from existing dusk to dawn controls with override switch to control pole lighting.
- Rework existing PVC conduits at pole lights.
- **Installation only of two 5 head 10' pole with HPS heads and one single head 18' pole with HPS head.**

Base Quote: \$4,884.00

This Proposal does not include:

- **Any sales tax on material.**
- **Any supply of pole light or fixtures in this proposal.**
- **Any overtime or double time.**
- **Any concrete foundation for pole light.**

Additional items:

- 18" diameter by 5' deep reinforced concrete base for each pole....**ADD: \$1,856.00**
Please draw a line though the above item if not needed.

Total Quote: \$ _____

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by: _____

Ty Slonneger
General Manager

By: _____

Date: _____

Committed to our customers and quality.

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

August 3, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: ISB lot Sun Valley 5 head HPS 10' pole with options.

We propose to supply the following material.

- New 5 head 10ft pole with 4+1 arm and 5 HPS fixtures:.....**Each \$4,245.00**
(150-watt HPS in the center and four 50-watt HPS)

Total for four poles \$16,980.00

This Proposal does not include:

- **Any sales tax on material.**
- **Any installation.**
- **Any receptacles on pole.**

Additional items:

- New set of STD Finish Banner arms (**might not available on 10'**):..\$170.00 Each
- New HSS House shield lighting deflector:.....\$45.00Each
- New RSS-STD Rotatable street sign with no letters:.....\$295.00Each

Please draw a line through unwanted options

Grand Total: \$ _____

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by:

Ty Slonneger
General Manager

By: _____

Date: _____

Committed to our customers and quality.

RNS Electric, Inc.

PO Box 367
Washington, IL 61581
309.444.5200

Proposal

July 10, 2017

City of Washington
301 Walnut St
Washington, IL. 61571

Re: ISB lot Sun Valley pole with options. **GLR (acorn style)**

We propose to supply the following material.

- New 10-1070-18FT-PT-XX-STD Finish pole:.....**\$1,120.00**
- New GLR-YD-150-watt HPS-STD Finish HID fixture:.....**\$994.00**
- New GLR-YD22-XXX-80LED-120/277V35OMA-PT-STD fixture:.....**\$1,728.00**
- New set of RBA18-STD Finish Banner arms:.....**\$170.00**
- New HSS House shield lighting deflector:.....**\$45.00**
- New RSS-STD Rotatable street sign with no letters:.....**\$295.00**

This Proposal does not include:

- **Any sales tax on material.**
- **Any installation.**
- **Any receptacles on pole.**

This proposal is valid only 30 days from the above date.

Sincerely,
RNS Electric Inc.

Accepted by:

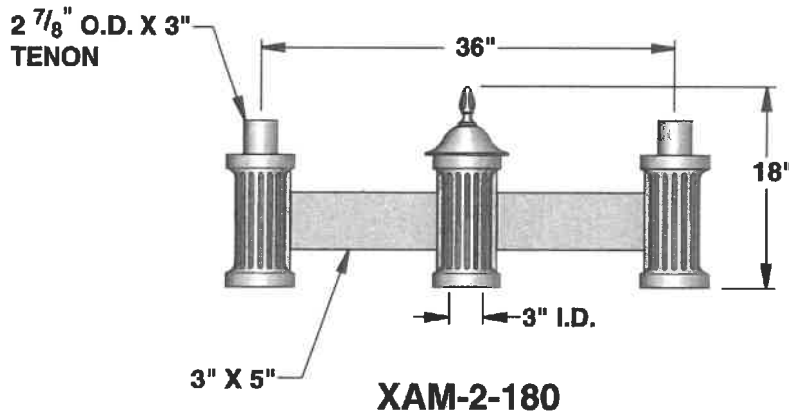
Ty Slonneger
General Manager

By: _____

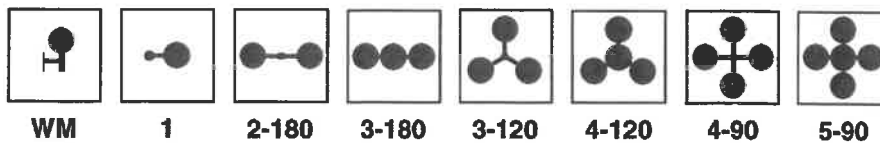
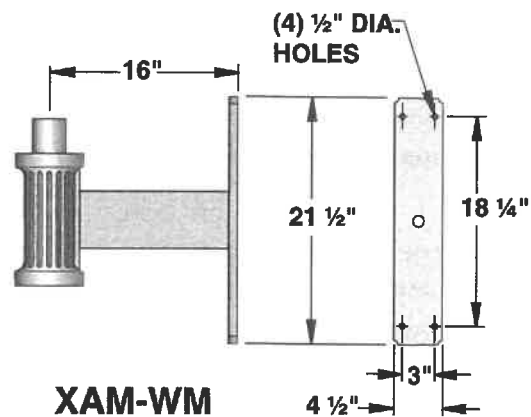
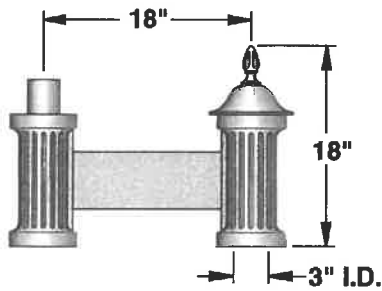
Date: _____

Committed to our customers and quality.

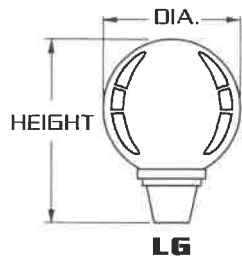
DURABLE CORROSION RESISTANT, CAST AND EXTRUDED ALUMINUM CONSTRUCTION.



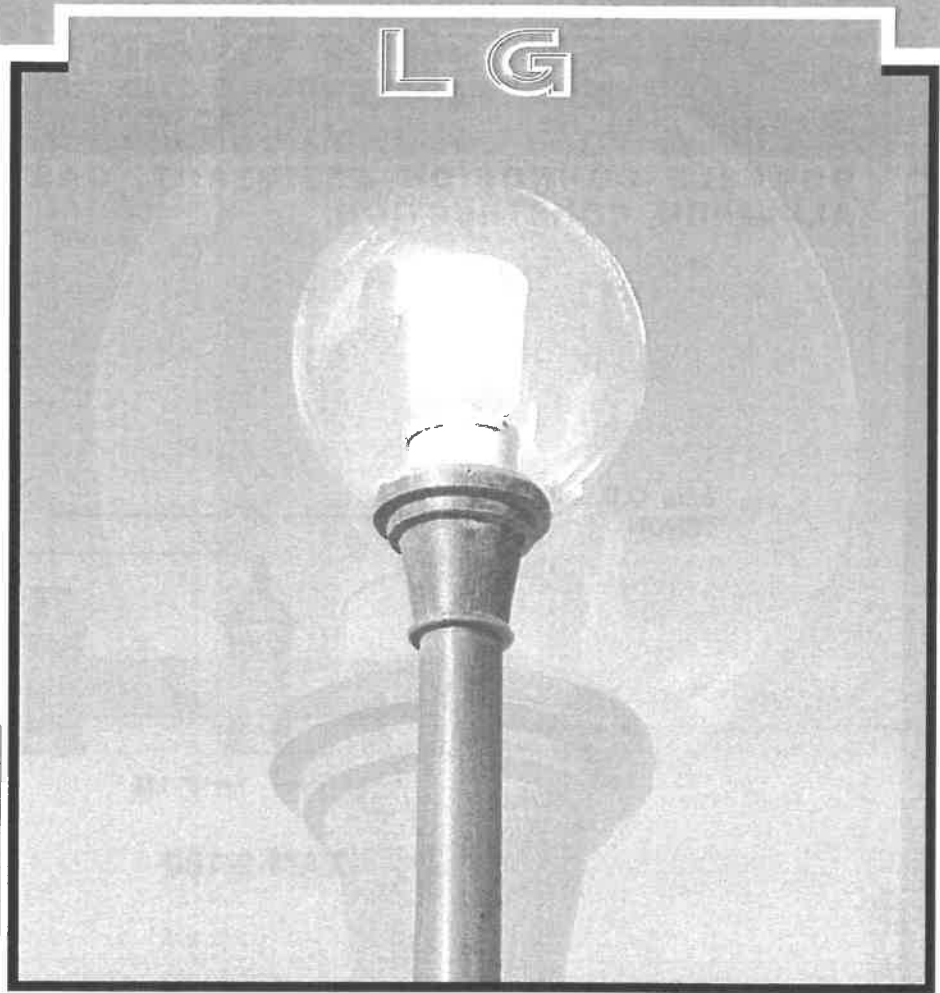
SCALE: 3/4"=1'-0"



[400 WATT MAX.]



CAT. NO.	DIA.	HEIGHT	E.P.A.
L614	14"	19 1/2"	.88
L616	16"	22"	1.11
L618	18"	24"	1.37
L622	22"	28 1/2"	1.98
L624	24"	33"	2.33



WM



1



2-180



3-120



3-180



4-120



4-180



5-120

SPECIFICATIONS

HOUSING: ONE PIECE DURABLE, CORROSION RESISTANT, CAST ALUMINUM CONSTRUCTION.

OPTIONS: **L614**-14" DIA. SPHERE. **L616**-16" DIA. SPHERE. **L618**-18" DIA. SPHERE. **L622**-22" DIA. SPHERE. **L624**-24" DIA. SPHERE. ONE PIECE SEAMLESS OPAL ACRYLIC SPHERE.
OPTIONS: ONE PIECE SEAMLESS CLEAR ACRYLIC, SURROUNDS TYPE II OR TYPE V REFRACTOR.

LAMP HOLDER: MEDIUM OR MOGUL BASE PORCELAIN.

LAMP: (BY OTHERS)

BALLAST: H.P.F./C.W.A. AUTOTRANSFORMER. -20° STARTING TEMPERATURE. ELECTRICAL COMPONENTS ARE MOUNTED TO A REMOVABLE BALLAST TRAY. BALLAST IS EQUIPPED WITH FACTORY INSTALLED QUICK DISCONNECT PLUG.

MOUNTING: HEAVY WALL EXTRUDED ALUMINUM CONSTRUCTION.

FINISH: POLYESTER POWDER COAT-STATE OF THE ART 20 PSI PRESSURE POWER WASH AT 140° TEMPERATURE INCORPORATES FOUR STEP IRON PHOSPHATE PROCESS TO CLEANSE AND PRETREAT THE METAL SURFACE FOR MAXIMUM PAINT ADHESION. ELECTROSTATICALLY APPLIED TEXTURED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.

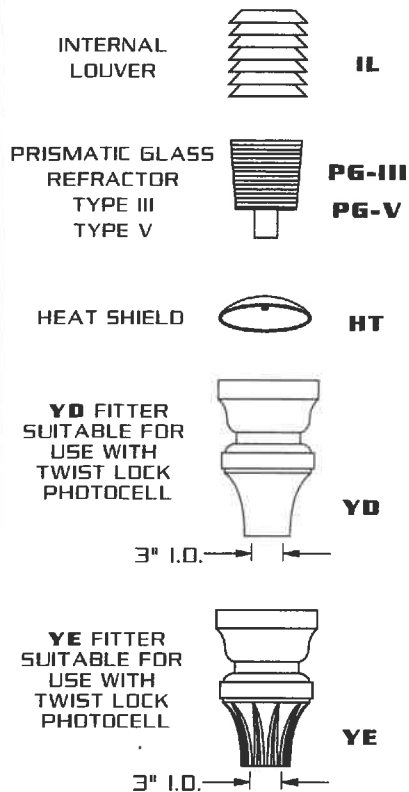


**U.S. ARCHITECTURAL
LIGHTING**

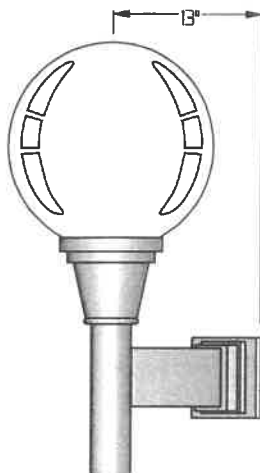
601 WEST AVENUE O, PALMDALE, CA 93551
 (800) 231-2000
 FAX NO. (805) 231-2001
www.usaltg.com

B7-9

LUMINAIRE ACCESSORIES AND FITTER OPTIONS

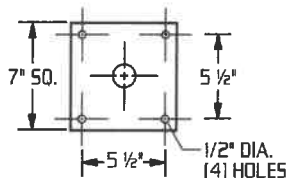


WALL MOUNT



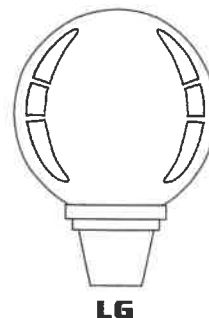
EXTRUDED ALUMINUM ARM AND
CAST ALUMINUM WALL BRACKET
ASSEMBLY PROVIDED WITH BUILT
IN GASKETED WIRE ACCESS FOR
FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE



LAMP SIZE:

L614	100	WATT. MAX.
L616	100	WATT. MAX.
L618	175	WATT. MAX.
L622	250	WATT. MAX.
L624	400	WATT. MAX.



CAT. NO.	GLOBE	E.P.A.
L614	14" DIA.	.88
L616	16" DIA.	1.11
L618	18" DIA.	1.37
L622	22" DIA.	1.98
L624	24" DIA.	2.33

**ALL CAST ALUMINUM
CONSTRUCTION.**

**SEAMLESS ACRYLIC OR
POLYCARBONATE.**

ORDERING INFORMATION

MODEL NO.: LG 16	OPTICS WA	WATTAGE TYPE VOLTAGE 50-HPS-240	MOUNTING PT	FINISH RAL9005-T	OPTIONS YE
MODEL NO.: LG	OPTICS	LAMP	MOUNTING	FINISH	OPTIONS
STANDARD: <input type="checkbox"/> OPAL ACRYLIC..... WA DIFFUSER OPTIONS: <input type="checkbox"/> CLEAR ACRYLIC..... CA <input type="checkbox"/> CLEAR POLYCARBONATE..... CP <input type="checkbox"/> OPAL POLYCARBONATE..... WP PRISMATIC GLASS REFRACTOR <input type="checkbox"/> TYPE III..... PG-III <input type="checkbox"/> TYPE V..... PG-V SPECIFY AFTER DIFFUSER OPTION (EX: CA-PG-III) <input type="checkbox"/> INTERNAL LOUVER..... IL SPECIFY AFTER DIFFUSER OPTION (EX: CA-IL) <input type="checkbox"/> WIDE ANGLE LOUVER..... OPT (RCGD22 ONLY) SPECIFY AFTER DIFFUSER OPTION (EX: CP-OPT) <input type="checkbox"/> HEAT SHIELD..... HT	WATTAGE TYPE VOLTAGE <input type="checkbox"/> 400 <input type="checkbox"/> HPS <input type="checkbox"/> 120 <input type="checkbox"/> 250 <input type="checkbox"/> MH <input type="checkbox"/> 208 <input type="checkbox"/> 175 <input type="checkbox"/> MV <input type="checkbox"/> 240 <input type="checkbox"/> 150 <input type="checkbox"/> 277 <input type="checkbox"/> 100 <input type="checkbox"/> 480 <input type="checkbox"/> 75 <input type="checkbox"/> MT <input type="checkbox"/> 70 <input type="checkbox"/> 50 (400 W. BALLAST REQUIRES FITTER YD OR YE)	<input type="checkbox"/> PT..... <input type="checkbox"/> WM..... SEE ARM SECTION FOR ADDITIONAL ARMS	STANDARD TEXTURED FINISH <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DRK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500) SEE WEBSITE FOR ADDITIONAL COLORS	<input type="checkbox"/> YD FITTER..... YD <input type="checkbox"/> YE FITTER..... YE <input type="checkbox"/> HEAT SHIELD..... HT <input type="checkbox"/> HOUSE SIDE SHIELD 90°..... HS 90° 135°..... HS 135° 180°..... HS 180° <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V)..... PC+V <input type="checkbox"/> SINGLE FUSE (120V., 277V)..... SF <input type="checkbox"/> DOUBLE FUSE (208V., 240V)..... DF	

**U.S. ARCHITECTURAL
LIGHTING**

660 WEST AVENUE, O. PALMDALE, CA 93551
(661) 273-2004
FAX NO. (661) 233-2001
www.usaltg.com



BASE

002

BASE

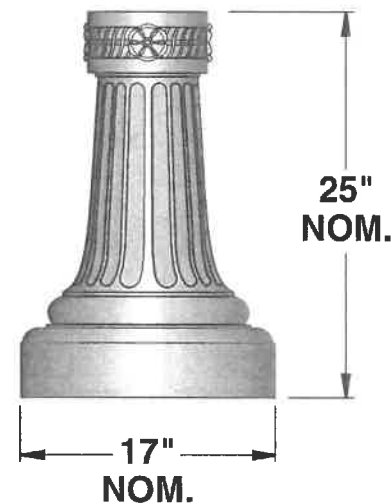
ONE PIECE CORROSION RESISTANT, DURABLE CAST ALUMINUM CONSTRUCTION. MINIMUM .210 WALL THICKNESS. BASE CONSISTS OF A SMOOTH, TAPERED BOTTOM SECTION, AND A HIGHLY DETAILED, DECORATIVE FLUTED SECTION, A DECORATIVE CAST ALUMINUM COLLAR AND A FLUTED HAND HOLE COVER CONTOURED TO BASE DESIGN. HAND HOLE COVER SUPPLIED WITH TAMPER RESISTANT HARDWARE. GROUNDING LUG PROVIDED INSIDE BASE OPPOSITE HAND HOLE.

ANCHORAGE

A 3/4" CAST ALUMINUM ANCHOR RING IS WELDED 1" ABOVE BOTTOM OF BASE TO ACCEPT (4) FULLY GALVANIZED ANCHOR BOLTS. EACH BOLT SUPPLIED WITH TWO NUTS AND TWO WASHERS. ANCHORAGE IS FASTENED THROUGH HAND HOLE.

FINISH

ELECTROSTATICALLY APPLIED BAKED ON TEXTURED ACRYLIC ENAMEL. (SEE PAGE 5 FOR OPTIONAL FINISH AND COLOR SELECTION)

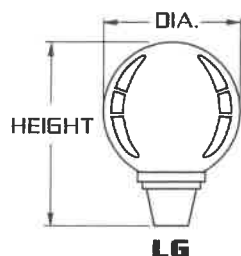


sun valley
LIGHTING

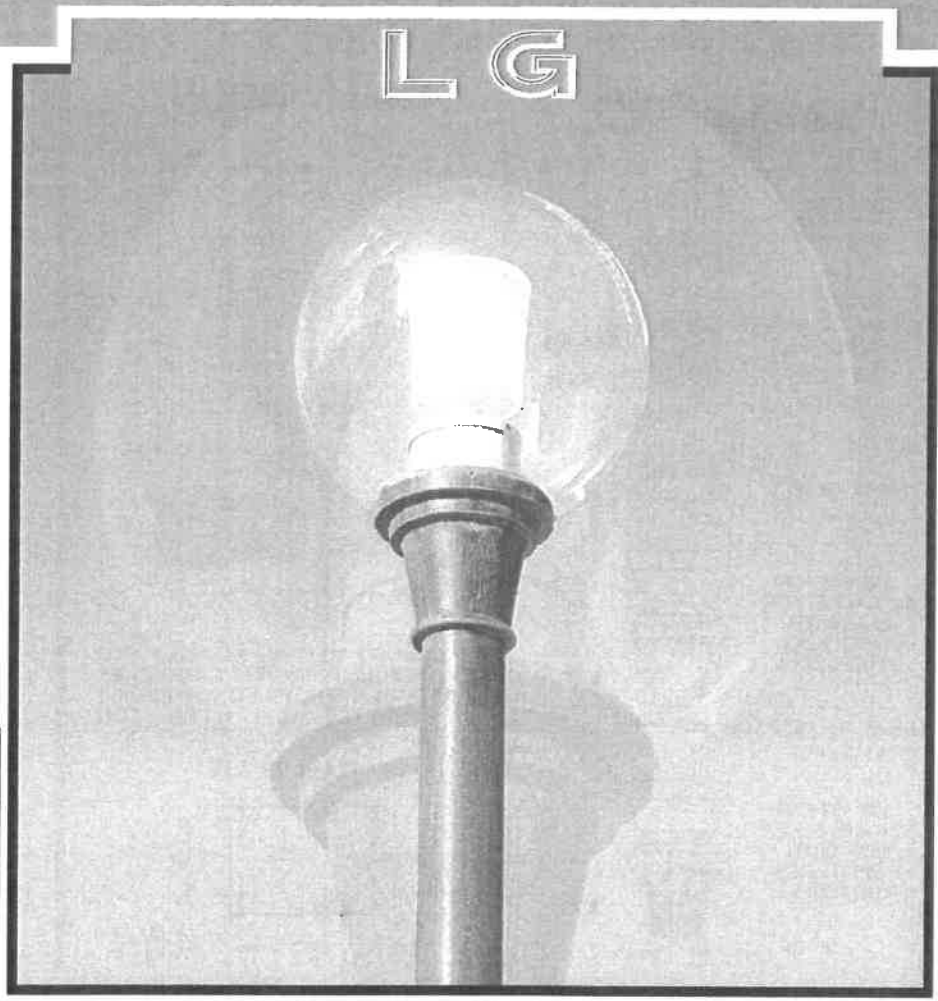
660 WEST AVENUE D, PALMDALE, CA 93551
(661) 233-2000
FAX (661) 233-2001
www.sunvalleylighting.com

B-29

[400 WATT MAX.]



CAT. NO.	DIA.	HEIGHT	E.P.A.
L614	14"	19 1/2"	.88
L616	16"	22"	1.11
L618	18"	24"	1.37
L622	22"	28 1/2"	1.98
L624	24"	33"	2.33



SPECIFICATIONS

HOUSING: ONE PIECE DURABLE, CORROSION RESISTANT, CAST ALUMINUM CONSTRUCTION.

OPTIONS: L614-14" DIA. SPHERE, L616-16" DIA. SPHERE, L618-18" DIA. SPHERE, L622-22" DIA. SPHERE, L624-24" DIA. SPHERE, ONE PIECE SEAMLESS OPAL ACRYLIC SPHERE.

OPTIONS: ONE PIECE SEAMLESS CLEAR ACRYLIC, SURROUNDS TYPE II OR TYPE V REFRACTOR.

LAMP HOLDER: MEDIUM OR M06UL BASE PORCELAIN.

LAMP: (BY OTHERS)

BALLAST: H.P.F./C.W.A. AUTOTRANSFORMER, -20° STARTING TEMPERATURE, ELECTRICAL COMPONENTS ARE MOUNTED TO A REMOVABLE BALLAST TRAY, BALLAST IS EQUIPPED WITH FACTORY INSTALLED QUICK DISCONNECT PLUG.

MOUNTING: HEAVY WALL EXTRUDED ALUMINUM CONSTRUCTION.

FINISH: POLYESTER POWDER COAT-STATE OF THE ART 20 PSI PRESSURE POWER WASH AT 140° TEMPERATURE INCORPORATES FOUR STEP IRON PHOSPHATE PROCESS TO CLEANSE AND PRETREAT THE METAL SURFACE FOR MAXIMUM PAINT ADHESION, ELECTROSTATICALLY APPLIED TEXTURED POLYESTER POWDER TOPCOAT IS BAKED AT 400° TEMPERATURE FOR MAXIMUM HARDNESS AND EXTERIOR DURABILITY.



U.L. Listed for wet location

U.S. ARCHITECTURAL
LIGHTING

660 WEST AVENUE C, PALMDALE, CA 93551
(818) 255-0000
FAX NO. (818) 255-2001
www.usalighting.com

B7-9

LUMINAIRE ACCESSORIES AND FITTER OPTIONS

INTERNAL
LOUVER



IL

PRISMATIC GLASS
REFRACTOR
TYPE III
TYPE V



PG-III

PG-V

HEAT SHIELD



HT

YD FITTER
SUITABLE FOR
USE WITH
TWIST LOCK
PHOTOCELL



YD

3" I.D.

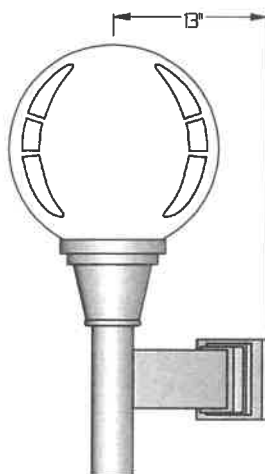
YE FITTER
SUITABLE FOR
USE WITH
TWIST LOCK
PHOTOCELL



YE

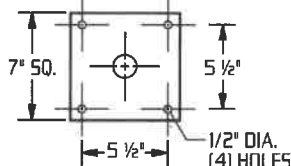
3" I.D.

WALL MOUNT



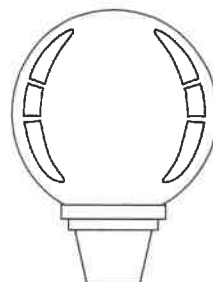
EXTRUDED ALUMINUM ARM AND
CAST ALUMINUM WALL BRACKET
ASSEMBLY PROVIDED WITH BUILT
IN GASKETED WIRE ACCESS FOR
FIXTURE/SUPPLY WIRE CONNECTION.

WALL PLATE



LAMP SIZE:

L614	100 WATT. MAX.
L616	100 WATT. MAX.
L618	175 WATT. MAX.
L622	250 WATT. MAX.
L624	400 WATT. MAX.



LG

CAT. NO.	GLOBE	E.P.A.
L614	14" DIA.	.88
L616	16" DIA.	1.11
L618	18" DIA.	1.37
L622	22" DIA.	1.98
L624	24" DIA.	2.33

ALL CAST ALUMINUM
CONSTRUCTION.

SEAMLESS ACRYLIC OR
POLYCARBONATE.

ORDERING INFORMATION

MODEL NO. :	OPTICS	WATTAGE TYPE VOLTAGE	MOUNTING	FINISH	OPTIONS
LG 18	WA	150-HPS-240	PT	RAL9005-T	YE

MODEL NO. :	OPTICS	LAMP	MOUNTING	FINISH	OPTIONS
L G	STANDARD: <input type="checkbox"/> OPAL ACRYLIC.....WA DIFFUSER OPTIONS: <input type="checkbox"/> CLEAR ACRYLIC.....CA <input type="checkbox"/> CLEAR POLYCARBONATE .CP <input type="checkbox"/> OPAL POLYCARBONATE .WP PRISMATIC GLASS REFRACTOR <input type="checkbox"/> TYPE III.....PG-III <input type="checkbox"/> TYPE V.....PG-V SPECIFY AFTER DIFFUSER OPTION (EX: CA-PG-III) <input type="checkbox"/> INTERNAL LOUVER. .IL SPECIFY AFTER DIFFUSER OPTION (EX: CA-IL) <input type="checkbox"/> WIDE ANGLE LOUVER.....OPT (RCGD22 ONLY) SPECIFY AFTER DIFFUSER OPTION (EX: CP-OPT) <input type="checkbox"/> HEAT SHIELD.....HT	WATTAGE TYPE VOLTAGE <input type="checkbox"/> 400 <input type="checkbox"/> HPS <input type="checkbox"/> 120 <input type="checkbox"/> 250 <input type="checkbox"/> MH <input type="checkbox"/> 208 <input type="checkbox"/> 175 <input type="checkbox"/> MV <input type="checkbox"/> 240 <input type="checkbox"/> 150 <input type="checkbox"/> 277 <input type="checkbox"/> 100 <input type="checkbox"/> 480 <input type="checkbox"/> 75 <input type="checkbox"/> MT <input type="checkbox"/> 70 <input type="checkbox"/> 50	<input type="checkbox"/> PT● <input type="checkbox"/> WM●	STANDARD TEXTURED FINISH <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DRK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)	<input type="checkbox"/> YD FITTERYD <input type="checkbox"/> YE FITTERYE <input type="checkbox"/> HEAT SHIELD.....HT <input type="checkbox"/> HOUSE SIDE SHIELD 90°HS 90° 135°HS 135° 180°HS 180° <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V)PC+V <input type="checkbox"/> SINGLE FUSE (120V. , 277V)SF <input type="checkbox"/> DOUBLE FUSE (208V. , 240V)DF
		(400 W. BALLAST REQUIRES FITTER YD OR YE)	SEE ARM SECTION FOR ADDITIONAL ARMS	SEE WEBSITE FOR ADDITIONAL COLORS	

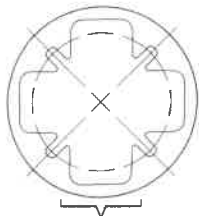
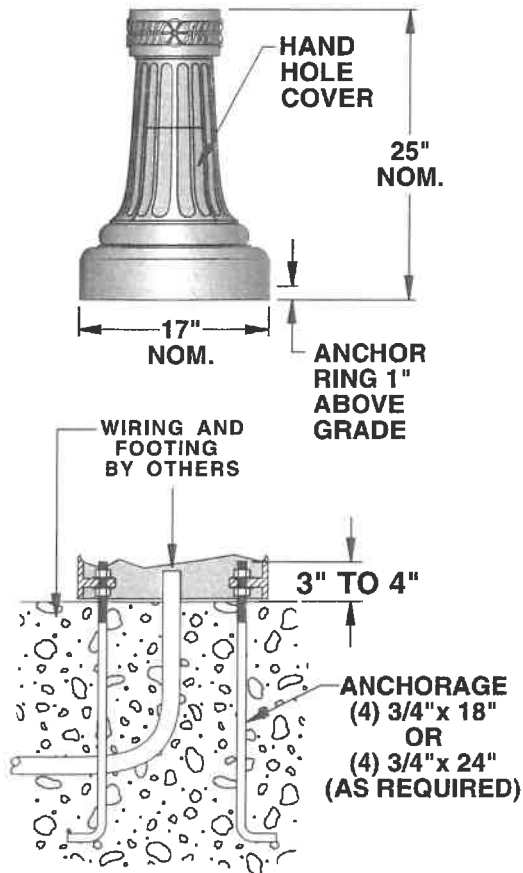
U.S. ARCHITECTURAL
LIGHTING

604 WEST AVENUE 0 PALMDALE, CA 93551
(811) 233-2013
FAX NO. (811) 233-0001
www.usaltg.com

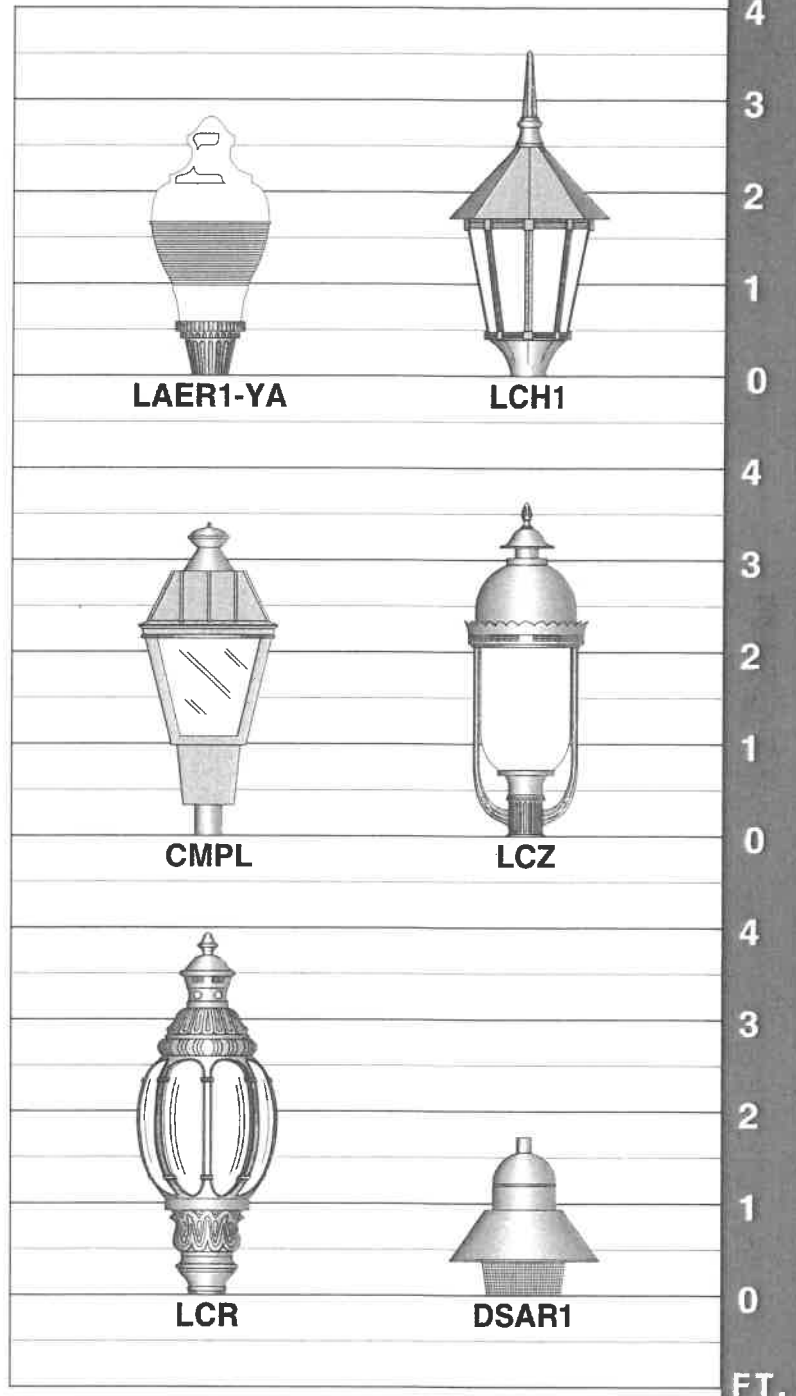


BASE

SUGGESTED LUMINAIRES



HAND HOLE

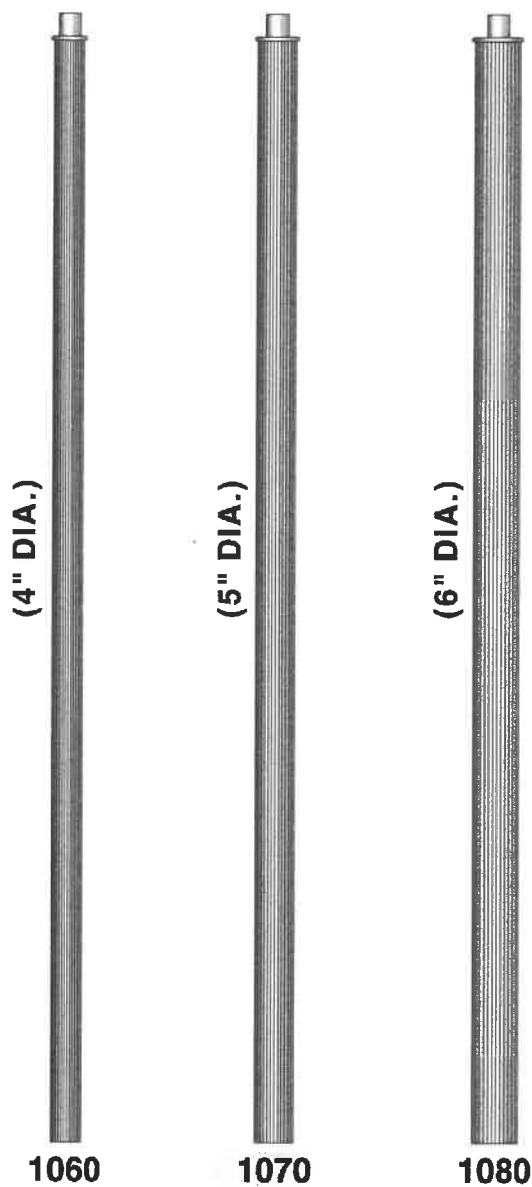


SEE LUMINAIRE SECTION
FOR ADDITIONAL STYLES

FLUTED

FLUTED

ROUND EXTRUDED FROM 6063 ALLOY ALUMINUM. HEAT TREATED TO PRODUCE A T6 TEMPER. SHAFTS HAVE EVENLY SPACED HIGHLY DETAILED RAISED VERTICAL FLUTES.



1060

1070

1080

(FLUTED ALUMINUM SHAFTS)

SHAFT WALL THICKNESS .188

POLES PROVIDED WITH TENON TOP

POST TOP (PT): 2 7/8" O.D. X 3"

MULTIPLE LUMINAIRES: 2 7/8" O.D. X 6"



sun valley
LIGHTING

660 WEST AVENUE O, PALMDALE, CA 93551
(661) 233-2000
FAX (661) 233-2001
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BASE

1000

BASE

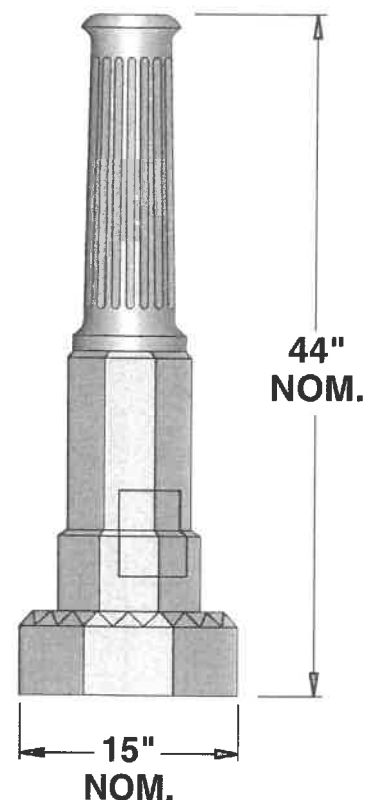
ONE PIECE CORROSION RESISTANT, DURABLE CAST ALUMINUM CONSTRUCTION, MINIMUM .210 WALL THICKNESS. BASE CONSISTS OF A SMOOTH, STEPPED BOTTOM SECTION WITH HAND HOLE AND A DECORATIVE FLUTED SECTION CONSISTING OF EVENLY SPACED, HIGHLY DETAILED RAISED VERTICAL FLUTES. HAND HOLE COVER SUPPLIED WITH TAMPER RESISTANT HARDWARE. GROUNDING LUG PROVIDED INSIDE BASE OPPOSITE HAND HOLE.

ANCHORAGE

A 3/4" CAST ALUMINUM ANCHOR RING IS WELDED 1" ABOVE BOTTOM OF BASE TO ACCEPT (4) FULLY GALVANIZED ANCHOR BOLTS. EACH BOLT SUPPLIED WITH TWO NUTS AND TWO WASHERS. ANCHORAGE IS FASTENED THROUGH HAND HOLE.

FINISH

ELECTROSTATICALLY APPLIED BAKED ON TEXTURED ACRYLIC ENAMEL. (SEE PAGE 5 FOR OPTIONAL FINISH AND COLOR SELECTION)



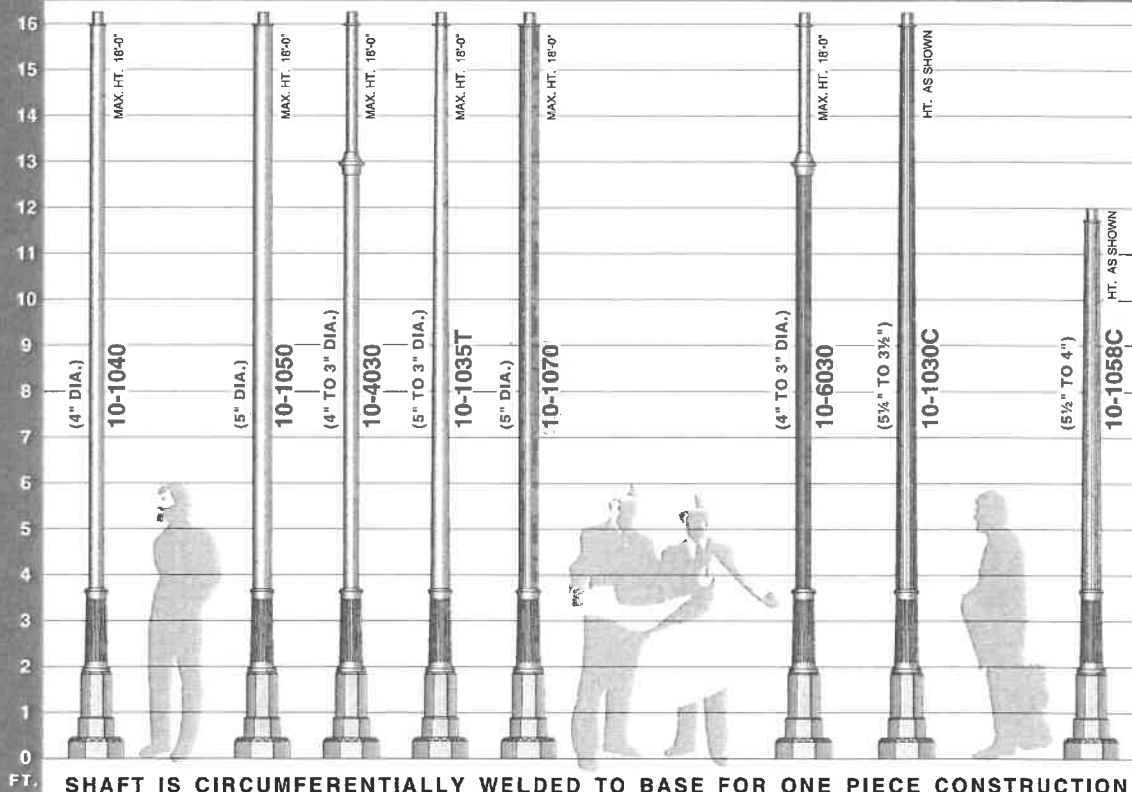
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B-41



POLE ACCESSORIES (SPECIFY AS SUFFIX TO CAT. NO.)



SHAFT IS CIRCUMFERENTIALLY WELDED TO BASE FOR ONE PIECE CONSTRUCTION
SEE SHAFT SECTION FOR SPECIFICATIONS AND ADDITIONAL STYLES

- TENONS**
STANDARD: 2 1/8" O.D.
OPTIONS: 2 3/8" O.D.
3 1/2" O.D.
- PT23
PT31
 - DUPLEX OR G.F.I. RECEPTACLE WITH COVER
DUP
GFI
 - RBA
FBA
 - BEB
BBA
 - RBH
FBH
 - RSS
 - RLR
 - RFH
FFH

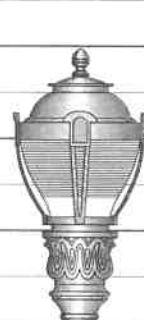
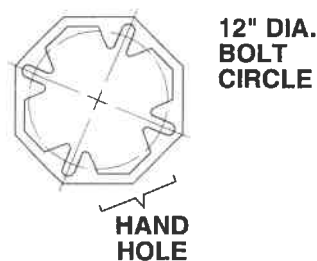
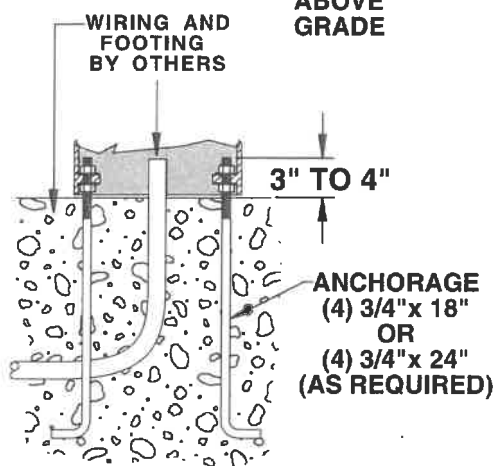
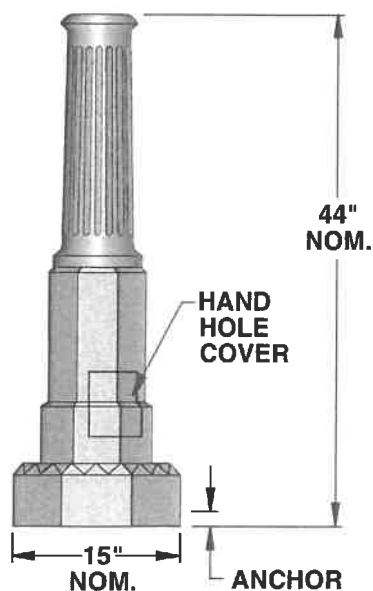


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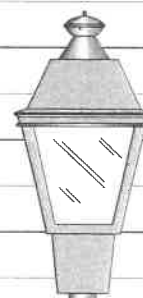
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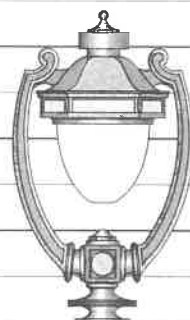
SUGGESTED LUMINAIRES



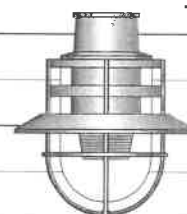
LCGR-YF



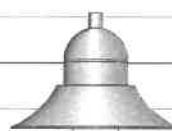
CMPN



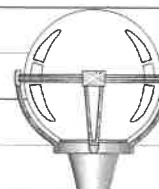
LCWB



OV1



DSC1



RCGV18

SEE LUMINAIRE SECTION
FOR ADDITIONAL STYLES

4
3
2
1
0
4
3
2
1
0
4
3
2
1
0
FT.

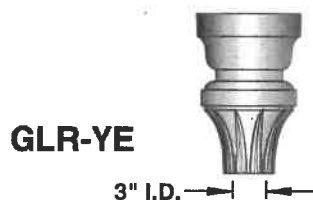
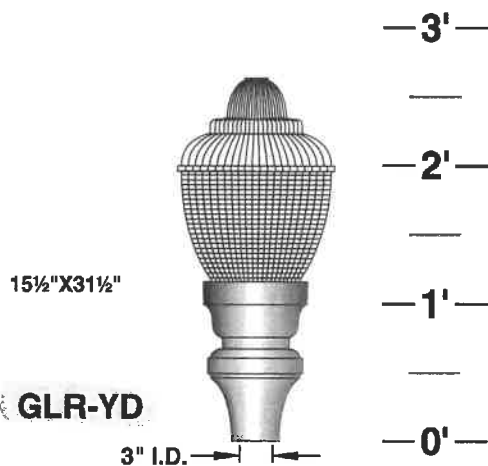
GLR

LUMINAIRE ACCESSORIES

(SPECIFY AS SUFFIX TO LUMINAIRE NO.)

GLR

PRISMATIC BOROSILICATE GLASS REFRACTOR PROVIDED WITH CAST ALUMINUM FITTER.



BALLASTS ARE H.P.F. / C.W.A. AUTOTRANSFORMER, -20° STARTING TEMPERATURE

	METAL HALIDE	HIGH PRESSURE SODIUM	MERCURY VAPOR	INC. TO	FOR FLUOR. LAMPS CONSULT FACTORY
	50W.	50W.	50W.		
	70W.	70W.	75W.		
	100W.	100W.	100W.		
YD" AND "YE" FITTERS ONLY	175W.	150W.	175W.		
	250W.	250W.	250W.		



BRASS FINIAL



BF

ORNAMENTAL FINIAL



PF

HOUSE SIDE SHIELD
90°, 135°, 180°



HS90°
HS135°
HS180°

TYPE III LIGHT DISTRIBUTION.....III

TYPE IV LIGHT DISTRIBUTION.....IV

TYPE V LIGHT DISTRIBUTION.....V

PHOTO CELL + VOLTAGE
(EXAMPLE: PC120V).....PC+V

TWIST LOCK
PHOTO CELL + VOLTAGE
(EXAMPLE: TPC120V).....TPC+V
(YD & YE FITTERS ONLY)

SINGLE FUSE (120V., 277V.).....SF

DOUBLE FUSE (208V., 240V., 480V.).....DF



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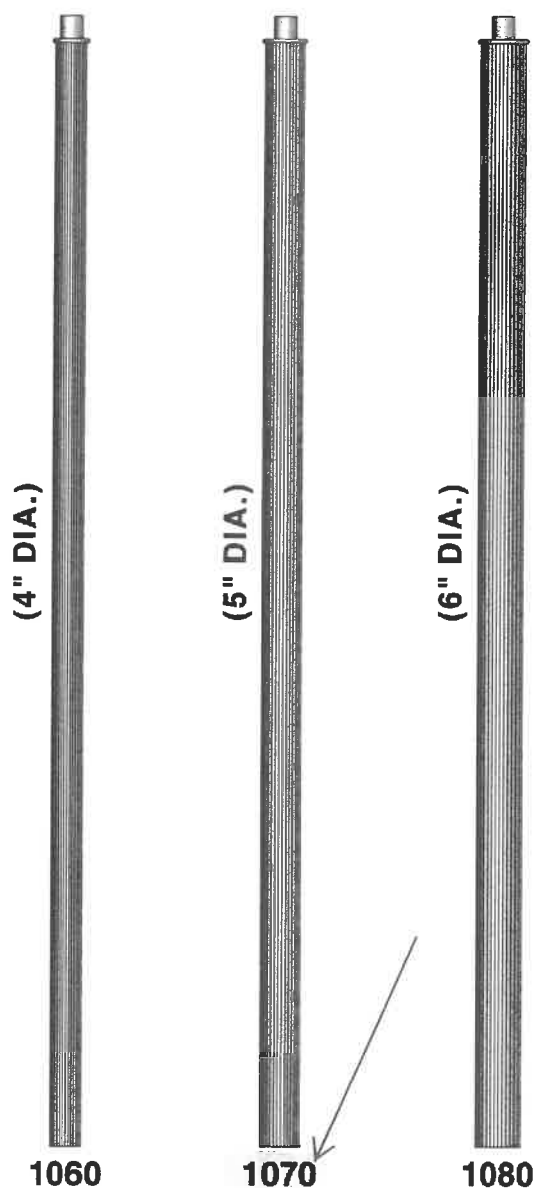
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LB-33

FLUTED

FLUTED

ROUND EXTRUDED FROM 6063 ALLOY ALUMINUM. HEAT TREATED TO PRODUCE A T6 TEMPER. SHAFTS HAVE EVENLY SPACED HIGHLY DETAILED RAISED VERTICAL FLUTES.



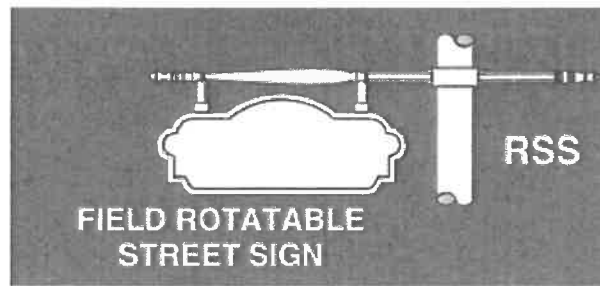
(FLUTED ALUMINUM SHAFTS)
SHAFT WALL THICKNESS .188

POLES PROVIDED WITH TENON TOP
POST TOP (PT): 2 7/8" O.D. X 3"
MULTIPLE LUMINAIRES: 2 7/8" O.D. X 6"



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FIELD ROTATABLE
STREET SIGN