

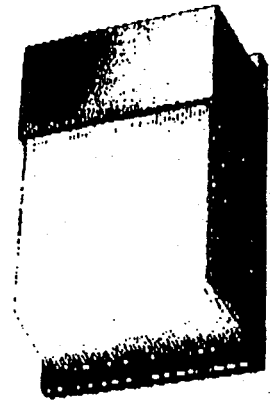
Small Wall-Mounted Area Lighter, Polycarbonate Refractor, Lamp Included

Use for entrances, stairwells, corridors, other pedestrian areas.

OC

Wall-Paks

TWL



Catalog Number

Example: TWL 70S 120 LPI

TWL 70S	120	LPI
Designation	Voltage	Options/Accessories
<b>HIGH PRESSURE SODIUM</b>	120	LPI is standard on all TWL fixtures (not available with incandescent). For options and accessories, see pages 291-298.
35W TWL 35S <sup>1</sup>	200 <sup>2</sup>	
50W TWL 50S	240 <sup>2</sup>	
70W TWL 70S	277 <sup>2</sup>	
<b>FLUORESCENT</b>	347 <sup>2</sup>	
7W TWL 7TT <sup>1</sup>	TB <sup>2,3</sup>	
9W TWL 9TT <sup>1</sup>		
13W TWL 13TT <sup>1</sup>		
13W TWL 13DTT <sup>1</sup>		
22W TWL 22DTT <sup>1</sup>		
28W TWL 28DTT <sup>1</sup>		
32W TWL 32TRT		
42W TWL 42TRT		
<b>INCANDESCENT</b>		
75W TWL I <sup>1</sup>		

NOTES:

- 120V only.
  - Optional multi-tap ballast (120, 200, 240, 277V). (120, 277, 347V in Canada.)
  - Requires cast HPF back housing
- All dimensions are inches (centimeters) unless otherwise specified.  
 CANADIAN SHIPMENTS: Add CGA as suffix to catalog number.  
 HID and fluorescent lamps included with luminaire.

Features

**Housing:** Normal Power Factor (NPF) backplate is heavy-gauge steel finished in white thermoset polyester powder, electrostatically applied. High Power Factor (HPF) housing is rugged, heavy-duty cast aluminum, finished in dark bronze thermoset polyester powder, electrostatically applied. Electrical components are mounted to the backplate. NPF or cast housing (HPF) for maximum heat dissipation. Stainless steel external hardware includes slotted hex-head and tamperproof fasteners.

**Optics:** Front cover/refractor is injection molded, one-piece, UV-stabilized polycarbonate. Optical system is sealed and gasketed to inhibit entrance of outside contaminants. Standard finish on opaque portion of front cover is dark bronze polyester enamel.

**Lamp:** Medium-base HPS lamp or fluorescent twin-tube or double twin-tube lamp included with fixture.

**Ballast:** 120V reactor normal (RNP) or high-power factor (RHP) or high-reactance, high power factor (XHP). 100% copper wound and factory tested HID is UL 1029 listed. UL 955 listed for Fluorescent.

**Installation:** NPF unit mounts to standard J-box. Surface conduit mount requires extension collar accessory. HPF units may be mounted flush to wall or horizontally facing down ("shoebox" style). HPF units have 3/8" threaded hub for wiring access. Closed cell gasketing seals junction.

**Listings:** UL listed, suitable for wet locations. IP64 listed in accordance with IEC Standard 529. Fluorescent is listed for wet locations. Listed and labeled to comply with Canadian and Mexican Standards (see options).

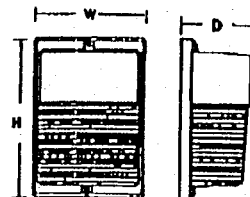
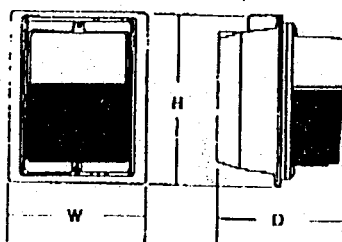
**Socket:** Medium base porcelain socket vertically oriented with copper alloy nickel-plated screw shell and center contact. UL listed 660W, 600V. Fluorescent socket: 7 9TT-GX23, 13TT-GX23, 13DTT-GX23-2, 22DTT-GX32D-2, 28DTT-GX32D-3, 32TRT-GX240-3, 42TRT-GX240-4. IRI requires

TABLE 10

Lamp/Fixture/Ballast Data

Wattage	Ballast	Weight Lbs Kg
<b>HIGH PRESSURE SODIUM (Med/Clear)</b>		
35	RNP	4 1.8
35	HPF	8 3.6
50	RNP	4 1.8
50	HPF	8 3.6
70	RNP	5 2.3
70	HPF	9 4.1
<b>FLUORESCENT (Twin-Tube)</b>		
7	RNP	3 1
9	RNP	3 1
13	RNP	3 1
<b>FLUORESCENT (Double Twin-Tube)</b>		
13	RNP	3 1
22	RNP	3 1
28	RNP	3 1

**STANDARD PACKAGING**  
 Fixtures ship complete in unit cartons only. Example:  
 (Qty 13) TWL 70S 120 LPI  
 (13 cartons of 1 fixture)  
 Accessories ship separately.



DIMENSIONS

Height:	120V NPF 10 1/2 (26.7)	HPF 10 1/4 (27.3)
Width:	8 3/4 (11.2)	7 1/4 (18.1)
Depth:	3 3/4 (9.8)	7 1/4 (19.5)

2250BP - 2260BP - 2280BP - 2290BP  
**BRACKET ARMS 246-248S-250-250S**

**SITE • ROADWAY • AREA LIGHTING**

**FIXTURE SELECTION**

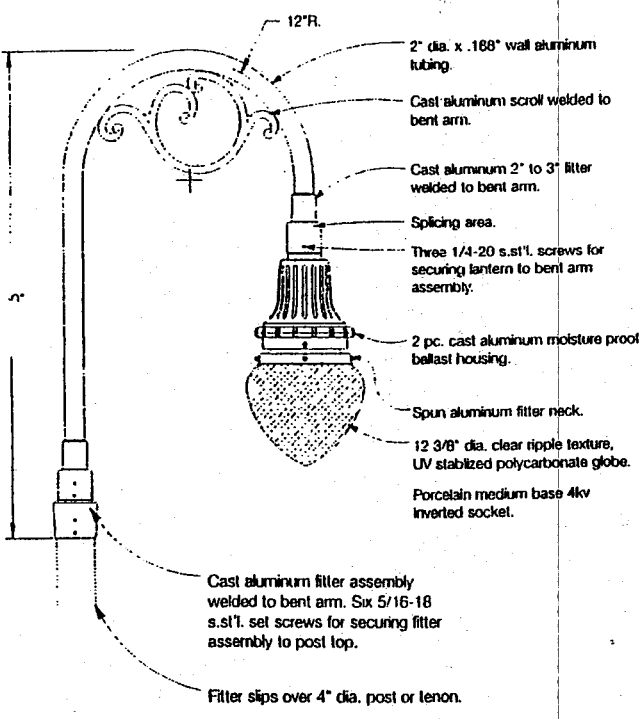
HEIGHT:	25 1/8"	25 1/8"	28 1/4"	24"
WIDTH:	12 3/8"	20"	18"	20"
FITTER DIA.:	3" O.D.	3" O.D.	3" O.D.	3" O.D.

FIXTURE NO.	2250BP	2260BP	2280BP	2290BP
MAX. WATTS - INC.	150w	150w	150w	150w
M.V.	100w	100w	100w	100w
H.P.S.	150w	150w	150w	150w
M.H.	175w	175w	175w	175w

246 BRKT ARM	248S BRKT ARM	250 BRKT ARM	250S BRKT ARM
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**SPECIFICATIONS**

MODEL No. shown 2250BP w/248S bracket  
 E.P.A. - 2.79  
 Max. Wt. 44 lbs

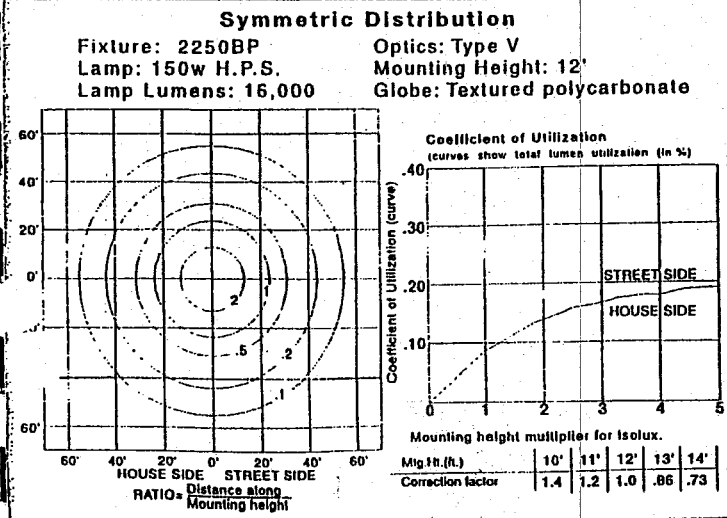


**FEATURES**

- SOURCES:** (factory installed, prewired and tested).  
 INC.-(incandescent) 150 watt max.  
 MV-(mercury vapor) 50-75-100 watt.  
 S-high pressure sodium) 35-50-70-100-150 watt.  
 MH-(metal halide) 70-100-175 watt.
- FINISHES:**  
 All Hanover Lantern finishes available, see page 3 for selection.
- GLOBES:**  
 Opal acrylic.  
 Opal UV stabilized polycarbonate.  
 Clear textured polycarbonate, UV stabilized.
- SOCKET:**  
 Available with a medium base socket only.
- VOLTAGES:**  
 120-208-240-277-QUAD (contact factory for availability)
- PHOTO CONTROL:** (optional) factory installed.  
 No. 10-120 volt only.  
 No. 11-208 to 277 volt.

OA

**PHOTOMETRIC DATA**



**ORDERING GUIDE**

To ensure prompt and efficient processing of your order, Please follow the sequence listed in the example below.

- SOURCE:**  
 INC.-incandescent  
 MV-mercury vapor  
 S-high pressure sodium  
 MH-metal halide
- MODEL NO.:**  
 2250BP  
 2260BP  
 2280BP  
 2290BP
- FINISH:**  
 See page 3 for selection.
- WATTAGE:**  
 MV-50-75-100  
 S-35-50-70-100-150  
 MH-70-100-175
- VOLTAGE:**  
 120v.-208v.-240v.-277v.
- PHOTO CONTROL:** (optional)  
 10-120 volt only.  
 11-208/277 volt.
- BRACKET ARM:**  
 246  
 248S  
 250  
 250S

① S 2250BP ② A ③ 100 ④ 120 ⑤ 10 ⑥ 250S ⑦

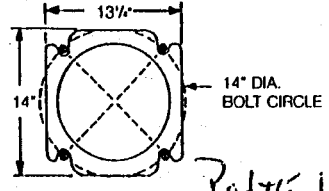
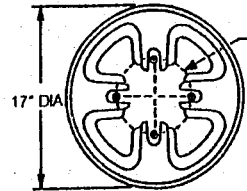
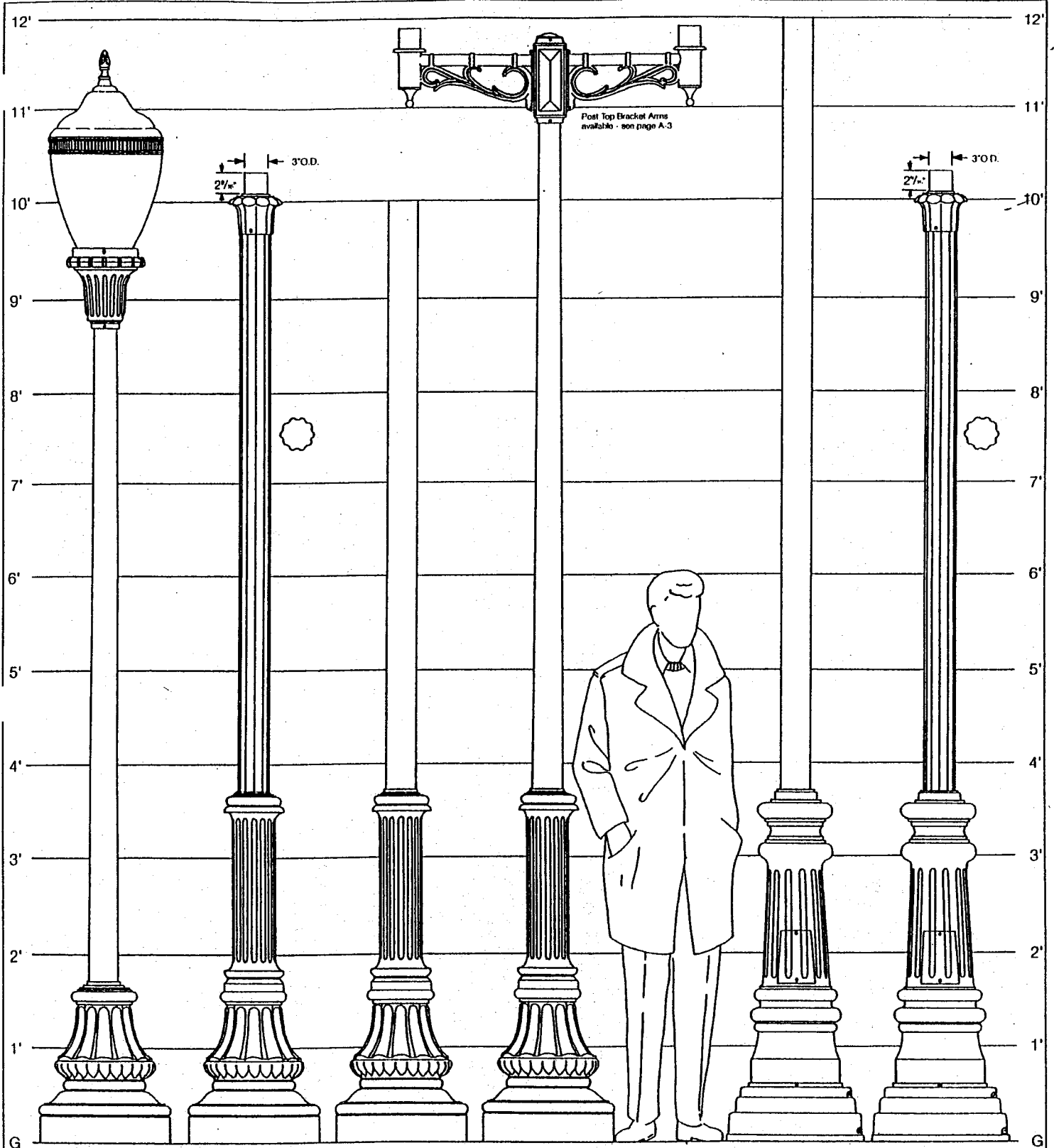
For post selection, see pages P-1 to P-8.  
 Accessories selection, see pages A-1 to A-4.

Page B

470 HIGH STREET • HANOVER, PA 17331 USA  
 PH. 717 832-8451 • FAX 717 832-5000

# Anchor Base Posts

Full size template and anchor bolts supplied with anchor base posts. See pages P-9 and P-10 for details.



OA

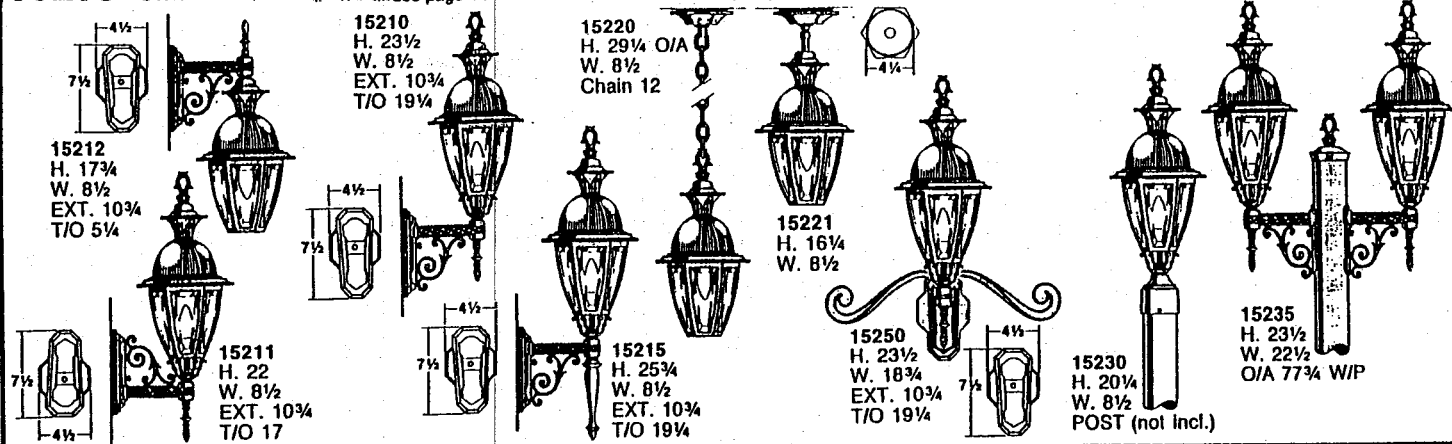
PALTE 14

Model no.	308	303	304	311	295	296
height	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14'	8' 10' 12' 14'
shaft mat'l.	tapered alum.	fluted alum.	smooth alum.	tapered alum.	smooth alum.	fluted alum.
thickness	.125"	.125"	.125"	.125"	.125"	.125"
diameter	3'o.d.top-4'o.d.bot.	4'o.d.	4'o.d.	3'o.d.top-4'o.d.bot.	4'o.d.	4'o.d.
base ht.	2 1/2"	4 3/4"	4 3/4"	4 3/4"	44"	44"
base width	17" dia.	17" dia.	17" dia.	17" dia.	18 1/2" dia.	18 1/2" dia.
base detail	P-10 M	P-10 M	P-10 M	P-10 M	P-10 N	P-10 N

**Merion**  
**15200 Small**

STD.—3-candelabra sockets • 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15210 (BLK) Black.

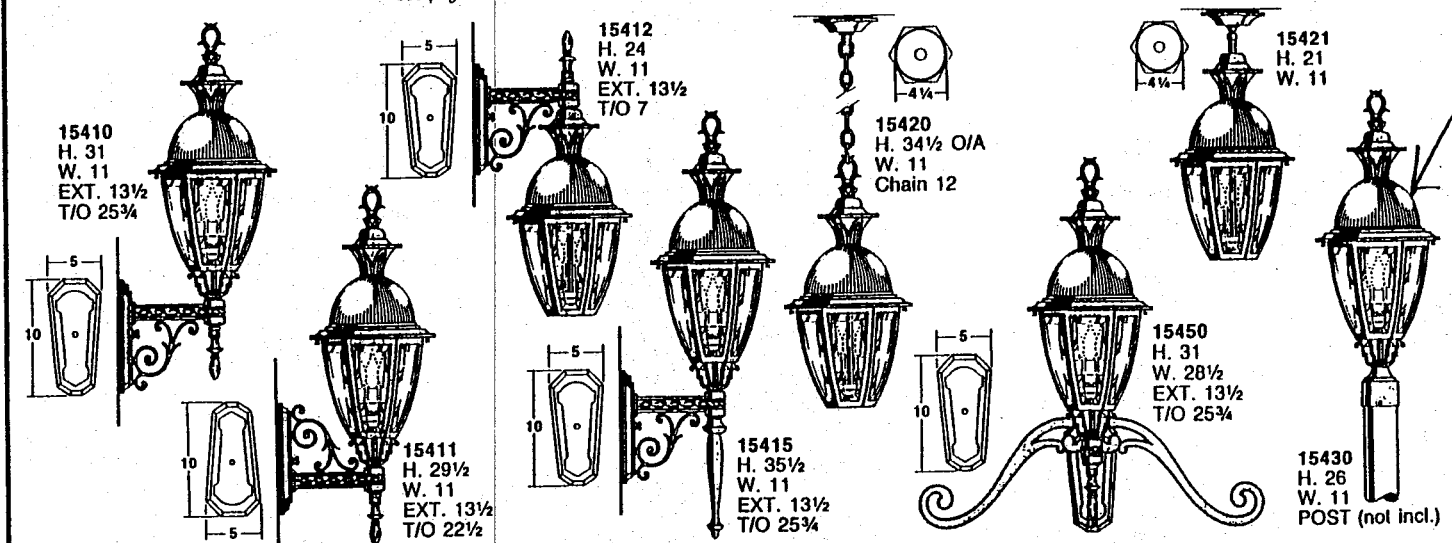
**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel, and dome.



**Merion**  
**15400 Medium**

STD.—3-candelabra sockets • 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15412 (VGN) Verde.

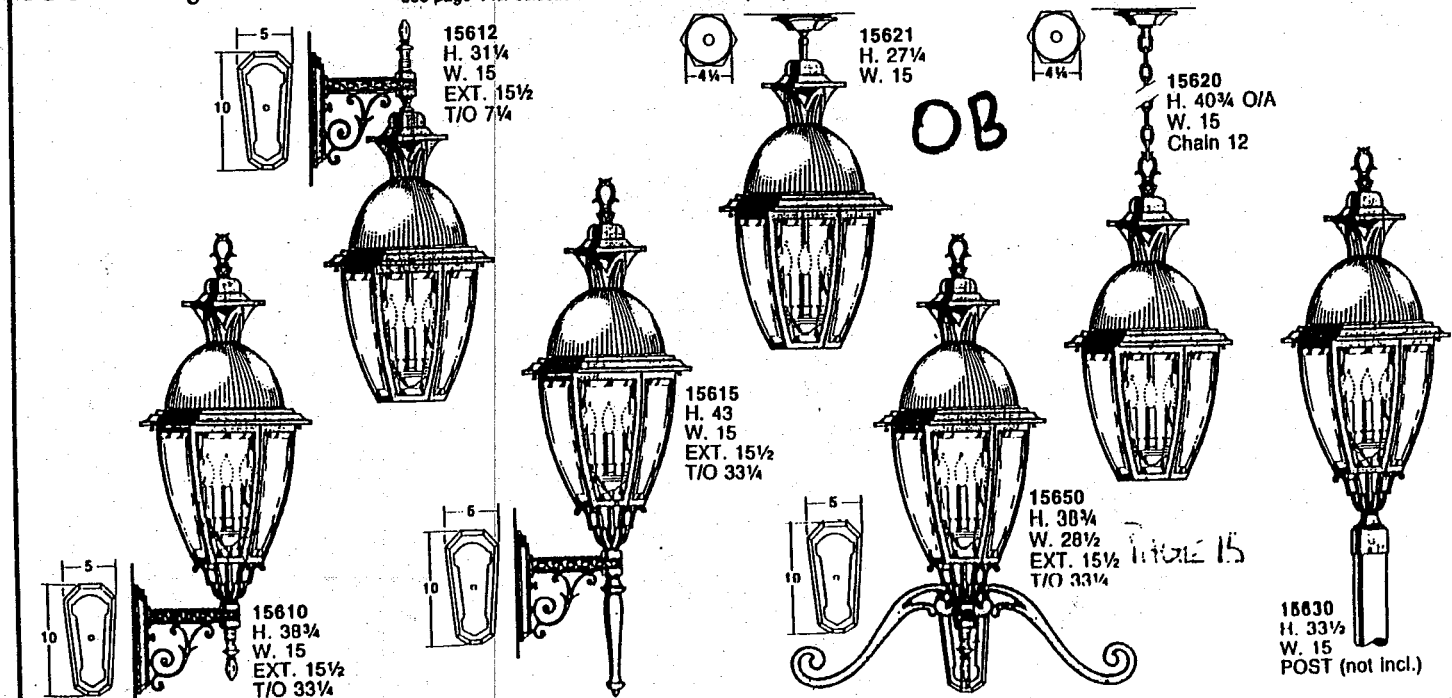
**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel and dome.



**Merion**  
**15600 Large**

STD.—4-candelabra sockets • 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15630 (BLK) Black.

**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel and dome.



2250BP - 2260BP - 2280BP - 2290BP  
 BRACKET ARMS 246-248S-250-250S

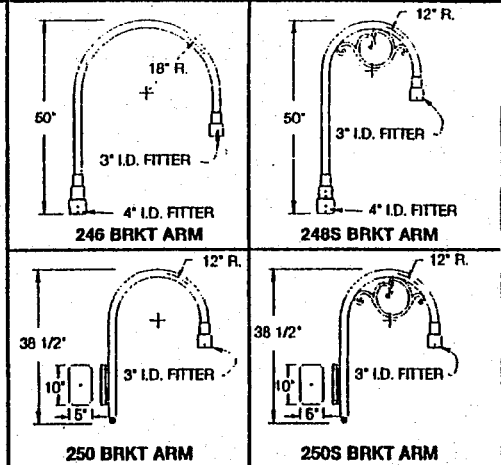
SITE • ROADWAY • AREA LIGHTING

**FIXTURE SELECTION**

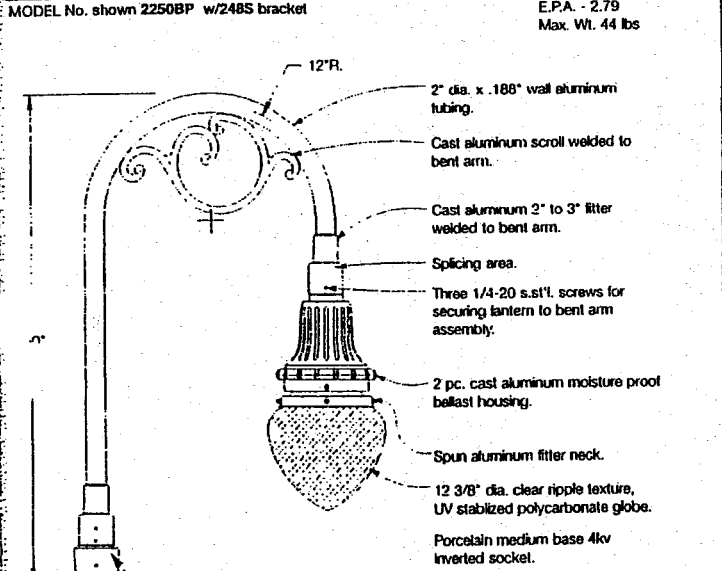
2 1/2" MIN. TENON LENGTH FOR 246 & 248S BRACKET ARMS

HEIGHT:	25 1/8"	25 1/8"	28 1/4"	24"
WIDTH:	12 3/8"	20"	18"	20"
FITTER DIA.:	3" O.D.	3" O.D.	3" O.D.	3" O.D.

FIXTURE NO.		2250BP	2260BP	2280BP	2290BP
MAX. WATTS - INC.		150w	150w	150w	150w
M.V.		100w	100w	100w	100w
H.P.S.		150w	150w	150w	150w
M.H.		175w	175w	175w	175w



**SPECIFICATIONS**



**FEATURES**

**SOURCES:** (factory installed, prewired and tested).  
 INC.-(incandescent) 150 watt max.  
 MV-(mercury vapor) 50-75-100 watt.  
 S-(high pressure sodium) 35-50-70-100-150 watt.  
 MH-(metal halide) 70-100-175 watt.

**FINISHES:**  
 All Hanover Lantern finishes available, see page 3 for selection.

**GLOBES:**  
 Opal acrylic.  
 Opal UV stabilized polycarbonate.  
 Clear textured polycarbonate, UV stabilized.

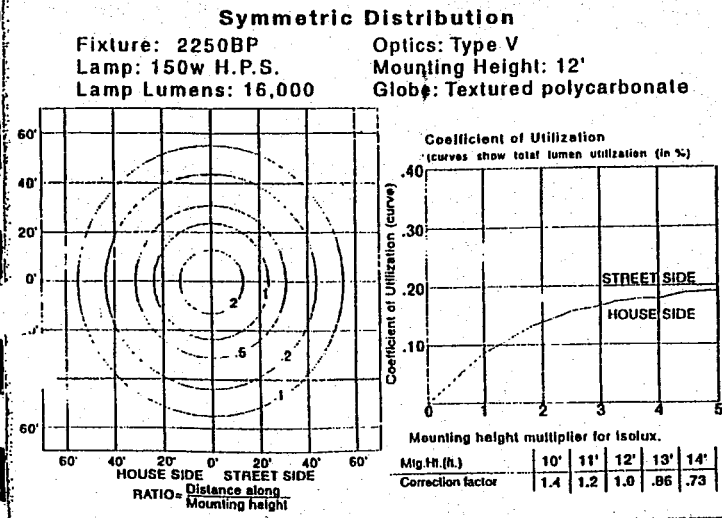
**SOCKET:**  
 Available with a medium base socket only.

**VOLTAGES:**  
 120-208-240-277-QUAD (contact factory for availability)

**PHOTO CONTROL:** (optional) factory installed.  
 No. 10-120 volt only.  
 No. 11-208 to 277 volt.

OA

**PHOTOMETRIC DATA**



**ORDERING GUIDE**

To ensure prompt and efficient processing of your order, Please follow the sequence listed in the example below.

- ① **SOURCE:**  
 INC.-incandescent  
 MV-mercury vapor  
 S-high pressure sodium  
 MH-metal halide
- ② **MODEL NO.:**  
 2250BP  
 2260BP  
 2280BP  
 2290BP
- ③ **FINISH:**  
 See page 3 for selection.
- ④ **WATTAGE:**  
 MV-50-75-100  
 S-35-50-70-100-150  
 MH-70-100-175
- ⑤ **VOLTAGE:**  
 120v.-208v.-240v.-277v.
- ⑥ **PHOTO CONTROL:** (optional)  
 10-120 volt only.  
 11-208/277 volt.
- ⑦ **BRACKET ARM:**  
 246  
 248S  
 250  
 250S

① S ② 2250BP ③ A ④ 100 ⑤ 120 ⑥ 10 ⑦ 250S

For post selection, see pages P-1 to P-8.  
 Accessories selection, see pages A-1 to A-4.

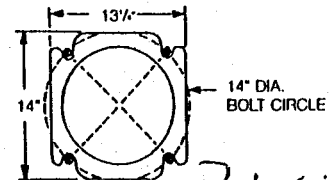
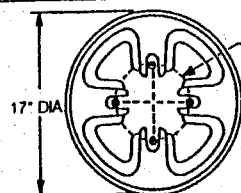
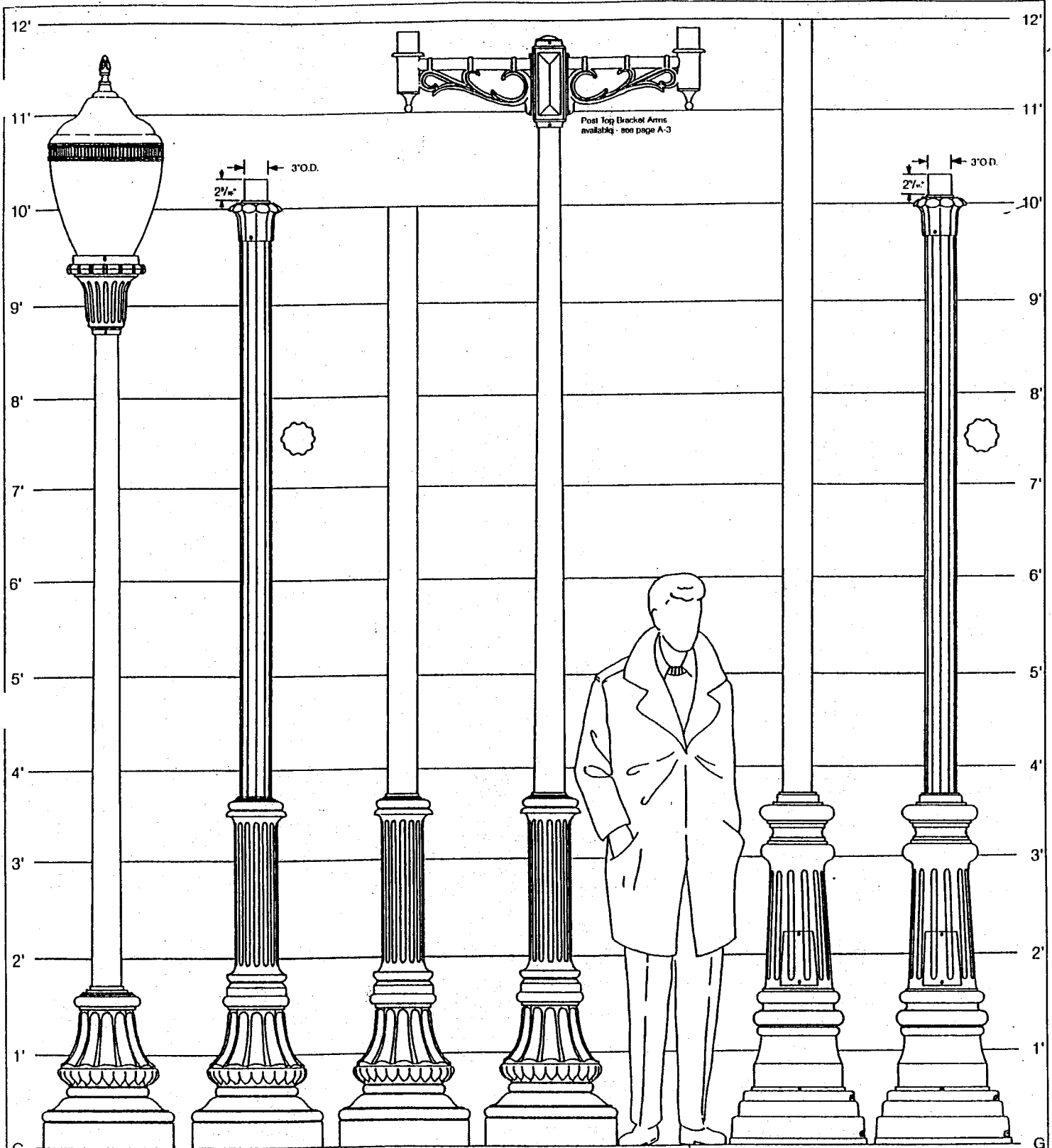
Table B

**Hanover**  
 LANTERN, inc.

470 HIGH STREET • HANOVER, PA 17331 USA  
 PH. 717 832-8464 • FAX: 717 832-8009

# Anchor Base Posts

Full size template and anchor bolts supplied with anchor base posts. See pages P-9 and P-10 for details.



OA

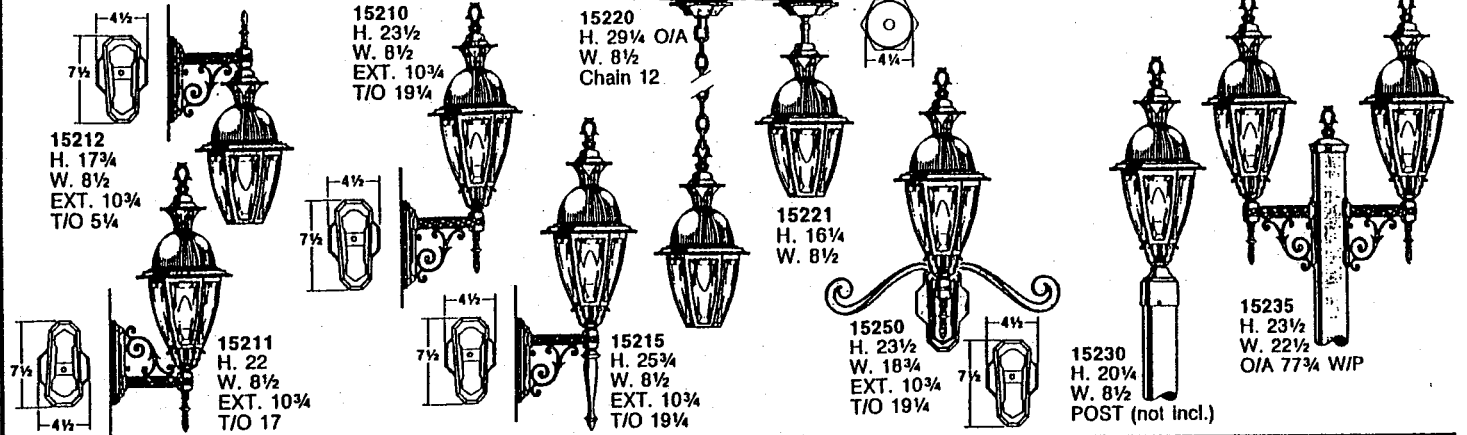
Plate 14

Model no.	308	303	304	311	295	296
heights	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14' 16'	8' 10' 12' 14'	8' 10' 12' 14'
shaft mat'l.	tapered alum.	fluted alum.	smooth alum.	tapered alum.	smooth alum.	fluted alum.
thickness	.125"	.125"	.125"	.125"	.125"	1/8"
diameter	3"o.d.top-4"o.d.bot.	4"o.d.	4"o.d.	3"o.d.top-4"o.d.bot.	4"o.d.	4"o.d.
base ht.	21 1/2"	43 1/2"	43 1/2"	43 1/2"	44"	44"
base width	17" dia.	17" dia.	17" dia.	17" dia.	18 1/2" dia.	18 1/2" dia.
base detail	P-10 M	P-10 M	P-10 M	P-10 M	P-10 N	P-10 N

**Merion**  
**15200 Small**

STD.—3-candelabra sockets - 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15210 (BLK) Black.

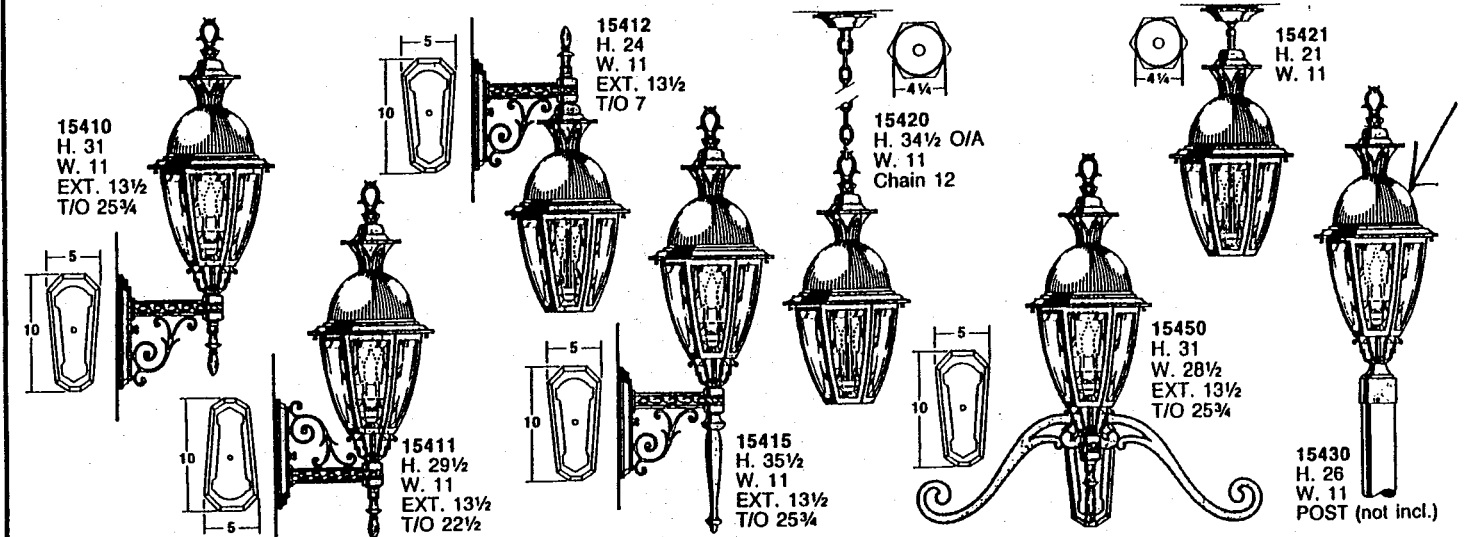
**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel, and dome.



**Merion**  
**15400 Medium**

STD.—3-candelabra sockets - 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15412 (VGN) Verde.

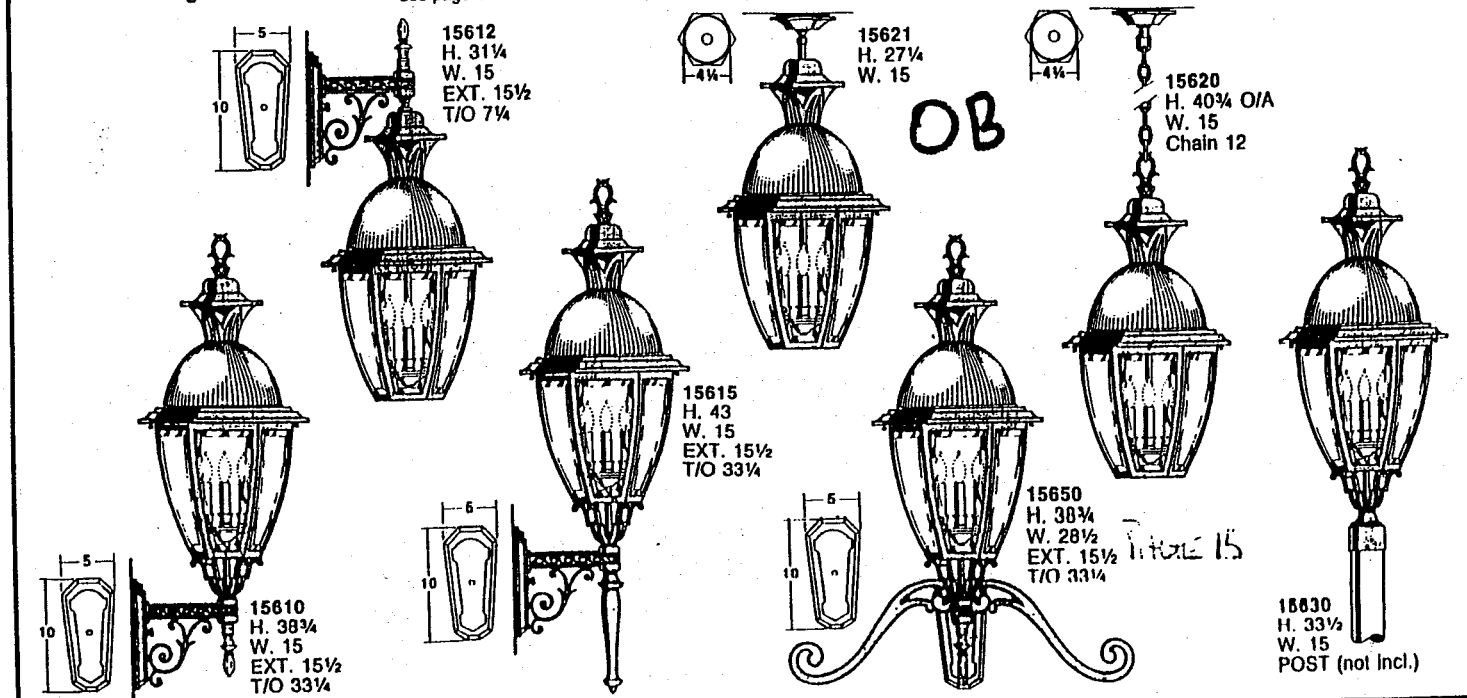
**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel and dome.



**Merion**  
**15600 Large**

STD.—4-candelabra sockets - 25 w. max. per socket • Solid brass candle cluster • Clear bent beveled glass • Clear or opal polycarbonate fluted dome • Cast aluminum construction • All finishes available - see page 4 for selection. Photo: model 15630 (BLK) Black.

**OPTIONS**—(EBG) Etched beveled glass panels - see page 5  
**DOMES**—Available in clear - (CP) or opal (OP). Please specify when ordering, and follow this sequence - model no, finish, panel and dome.



# Small Wall-Mounted Sea Lighter, Polycarbonate Refractor, Lamp Included

Use for entrances, stairwells, corridors, other pedestrian areas.

Wall-Paks

OC

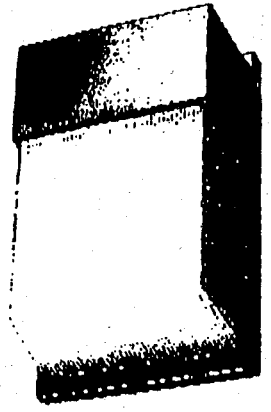
TWL

Catalog Number

Example: TWL 70S 120 LPI

TWL 70S	120	LPI
Designation	Voltage	Options/Accessories
<b>HIGH PRESSURE SODIUM</b>	120	LPI is standard on all TWL fixtures (not available with incandescent). For options and accessories, see pages 291-298.
35W TWL 35S <sup>1</sup>	208 <sup>2</sup>	
50W TWL 50S	240 <sup>3</sup>	
70W TWL 70S	277 <sup>3</sup>	
<b>FLUORESCENT</b>	347 <sup>3</sup>	
7W TWL 7TT <sup>1</sup>	TB <sup>2,3</sup>	
9W TWL 9TT <sup>1</sup>		
13W TWL 13TT <sup>1</sup>		
13W TWL 13DTT <sup>1</sup>		
22W TWL 22DTT <sup>1</sup>		
28W TWL 28DTT <sup>1</sup>		
32W TWL 32TRT		
42W TWL 42TRT		
<b>INCANDESCENT</b>		
75W TWL 1 <sup>1</sup>		

**NOTES:**  
 1 120V only.  
 2 Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada.)  
 3 Requires cast HPF back housing  
 All dimensions are inches (centimeters) unless otherwise specified.  
**CANADIAN SHIPMENTS:** Add CSA as suffix to catalog number.  
 HID and fluorescent lamps included with luminaire.



Features

**Housing:** Normal Power Factor (NPF) backplate is heavy-gauge steel finished in white thermoset polyester powder, electrostatically applied. High Power Factor (HPF) housing is rugged, heavy-duty cast aluminum, finished in dark bronze thermoset polyester powder, electrostatically applied. Electrical components are mounted to the backplate (NPF) or cast housing (HPF) for maximum heat dissipation. Stainless steel external hardware includes slotted hex-head and tamperproof fasteners.

**Optics:** Front cover/refractor is injection molded, one-piece, UV-stabilized polycarbonate. Optical system is sealed and gasketed to inhibit entrance of outside contaminants. Standard finish on opaque portion of front cover is dark bronze polyester enamel.

**Lamp:** Medium-base HPS lamp or fluorescent twin-tube or double twin-tube lamp included with fixture.

**Ballast:** 120V reactor normal (RNP), or high-power factor (RHP) or high-reactance, high power factor (XHP). 100% copper wound and factory tested. HID is UL 1029 listed. UL 055 listed for Fluorescent.

**Installation:** NPF unit mounts to standard J-box. Surface conduit mount requires extension collar accessory. HPI units may be mounted flush to wall or horizontally facing down ("shoebox" style). HPF units have 3/4" threaded hub for wiring access. Closed cell gasketing seals junction.

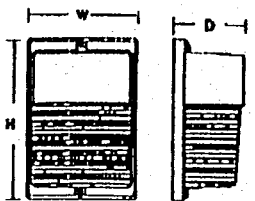
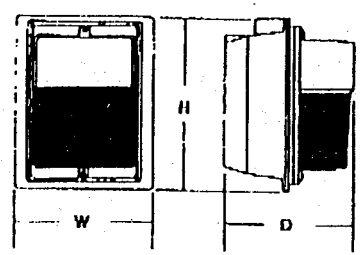
**Listings:** UL listed, suitable for wet locations. IP64 listed in accordance with IEC Standard 529. Fluorescent is listed for wet locations. Listed and labeled to comply with Canadian and Mexican Standards (see options).

**Socket:** Medium base porcelain socket vertically oriented with copper alloy nickel-plated screw shell and center contact. UL listed 660W, 600V. Fluorescent socket: 7 9TT=G23, 13TT-GX23, 13DTT-GX23-2, 2 DTT-GX32D-2, 28DTT-GX32E, 32TRT=GX240-3, 42TRT-GX240-4. IRI required.

Lamp/Fixture/Ballast Data

Wattage	Ballast	Weight Lbs Kg
<b>HIGH PRESSURE SODIUM (Med/Clear)</b>		
35	RNP	4 1.8
35	HPF	8 3.6
50	RNP	4 1.8
50	HPF	8 3.6
70	RNP	5 2.3
70	HPF	9 4.1
<b>FLUORESCENT (Twin-Tube)</b>		
7	RNP	3 1
9	RNP	3 1
13	RNP	3 1
<b>FLUORESCENT (Double Twin-Tube)</b>		
13	RNP	3 1
22	RNP	3 1
28	RNP	3 1

**STANDARD PACKAGING**  
 Fixtures ship complete in unit cartons only. Example:  
 (Qty 13) TWL 70S 120 LPI  
 (13 cartons of 1 fixture)  
 Accessories ship separately.



**DIMENSIONS**

	120V NPF	HPI
Height:	10 1/2 (26.7)	10 1/4 (27.3)
Width:	6 3/4 (17.2)	7 1/4 (18.1)
Depth:	3 3/4 (9.8)	7 1/4 (19.5)