

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — For entrances, stairwells, corridors and other pedestrian areas. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

**CONSTRUCTION** — 120V normal power factor housing is white polyester powderpainted steel backplate on which electrical components are mounted. High power factor housing is rugged, lightweight cast aluminum with dark bronze polyester powder finish. Electrical components are mounted to the cast housing for maximum heat dissipation. Closed-cell gasketing between the backplate and the mounting surface seals the junction. Stainless steel external hardware includes slotted and tamper-proof Torx-head fasteners.

Finish: Dark bronze (DDB) corrosion resistant polyester powder.

**OPTICS** — Front cover/refractor is injection-molded, one-piece, UV-stabilized polycarbonate. The optical system is sealed and gasketed to inhibit the entrance of outside contaminants.

**ELECTRICAL** — 35W-reactor normal power factor standard. High power factor available. 50-70W-120V reactor normal or high power factor or high reactance high power factor. 100% factory tested. UL Listed.

Porcelain, medium-base socket with copper alloy nickel-plated screw shell and center contact. UL listed 660W, 600V, 4KV pulse rated.

Medium-base lamp included with the fixture.

**INSTALLATION** — HPF units may be horizontally wall or post mounted. 3/4" threaded hub provided for surface conduit. NPF surface conduit mount requires extension collar accessory.

**LISTINGS** —UL Listed for wet locations. Listed and labeled to comply with Canadian and Mexican Standards (see Options).

**WARRANTY** — 1-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Actual performance may differ as a result of end-user environment and application.

Rough Service products by Lithonia Lighting are engineered to withstand extreme physical assault. When properly installed per instructions for maximum vandal resistance, any rough service polycarbonate lens and/or polycarbonate housing enclosure that is rendered inoperable as a result of physical abuse, will be repaired or replaced without charge for the life of the product.

Note: Specifications subject to change without notice.

### Small Vandal-Resistant Wall-Pack

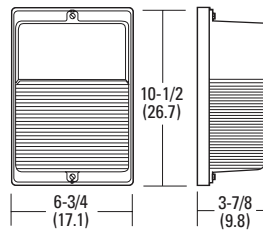
# TWL

### HIGH PRESSURE SODIUM

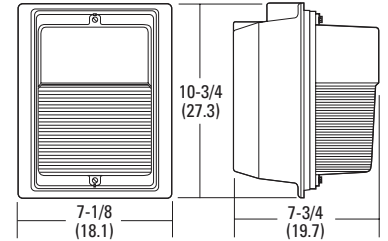
35W, 50W, 70W

8' to 12' Mounting

ADA



Steel Backplate



Cast Housing

#### Specifications

	Steel backplate	Cast housing
Length:	10-1/2 (26.7)	10-3/4 (27.3)
Width:	6-3/4 (17.1)	7-1/8 (18.1)
Depth:	3-7/8 (9.8)	7-3/4 (19.7)
Weight:	4lbs (1.8kg)	8lbs (3.6kg)

All dimensions are inches (centimeters) unless otherwise indicated.

#### ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: TWL 35S 120 LPI

TWL	Series	Wattage/Lamp	Voltage	Ballast	Options	Finish	Lamped
	TWL	35S <sup>1</sup> 50S 70S	120 208 <sup>8</sup> 240 <sup>2,8</sup> 277 <sup>2</sup> 347 <sup>2</sup> TB <sup>3</sup>	(blank) Standard ballast RHP Reactor high power factor ballast (120V only) XHP High reactance high power factor ballast (208, 240, 277, 347V, and TB) <sup>4</sup>	SF Single fuse (120, 277V) <sup>5</sup> PE Photoelectric cell <sup>5</sup> CSA Meets Canadian standards NOM Meets Mexican standards (consult factory)	(blank) Dark bronze DNA Natural aluminum DBL Black DMB Medium bronze DWH White DSS Sandstone	LPI Lamp included as standard L/LP Less lamp

Accessories: Order as separate catalog number.	
RK1 PEB1	Photocell kit (120V only)
RK1 PEB1 CSA	Photocell kit (120V only)
RK1 PEB2	Photocell kit (208, 240 or 277V)
RK1 PEB3 CSA	Photocell kit (347V only)
TWLMB	Cast aluminum mounting box
TWLWG	Wireguard; use with steel backplate <sup>6</sup>
TWAWG	Wireguard; use with cast housing
TWLEP1	Extension collar 1-1/2" deep <sup>7</sup>
TWLEP2	Extension collar 2-1/8" deep <sup>7</sup>

#### Notes

- 120V only.
- High reactance high power factor ballast.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
- Not available in 35S.
- Not available with multi-tap ballast.
- Not available with casting housing, TWLMB or EP; use TWAWG.
- 120V NPF units only.
- Consult factory for availability in Canada

# TWL High Pressure Sodium Wall-Pack

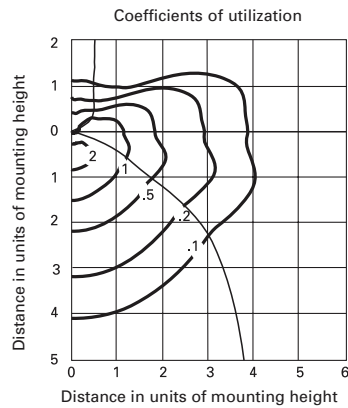
Housing Configurations				
	High pressure sodium	Steel backplate	Cast housing	For wire guard, requires TWAWG
120V	35S	■		
	35S RHP		■	■
	35S PE	■		
	35S RHP PE		■	■
	50S (RNP std)	■		
	50S RHP		■	■
	50S PE (RNP std)	■		
	50S RHP PE		■	■
	70S (RNP std)	■		
	70S RHP		■	■
	70S XHP		■	■
	70S PE (RNP std)	■		
	70S RHP PE		■	■
70S XHP PE		■	■	
208V	50S (XHP std)		■	■
240V	50S PE (XHP std)		■	■
277V	70S (XHP std)		■	■
TB	70S PE (XHP std)		■	■

Mounting Height Correction Factor
(Multiply the fc level by the correction factor)
10ft. = 0.64
12ft. = 0.44
15ft. = 0.28

Coefficient of Utilization \_\_\_\_\_  
Initial Footcandles \_\_\_\_\_

## Vertical Lamp Orientation

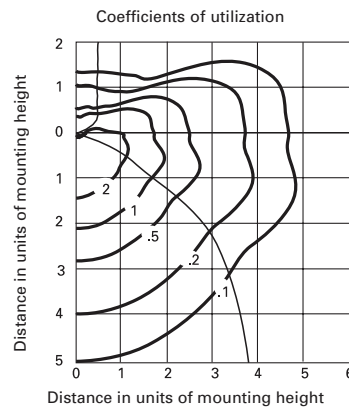
**TWL 35S** Test report no. 19047



35W, high pressure sodium lamp, vertical lamp orientation, 8' mounting height, 2,250 rated lumens.  
**Total fixture efficiency: 62.2%**

## Vertical Lamp Orientation

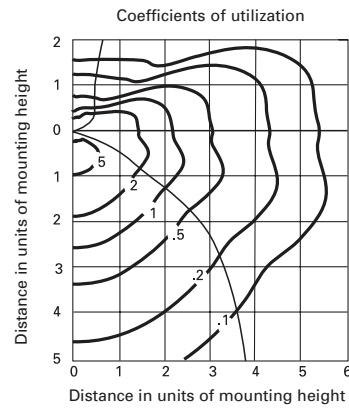
**TWL 50S** Test report no. 19046



50W, high pressure sodium lamp, vertical lamp orientation, 8' mounting height, 4000 rated lumens.  
**Total fixture efficiency: 68.7%**

## Vertical Lamp Orientation

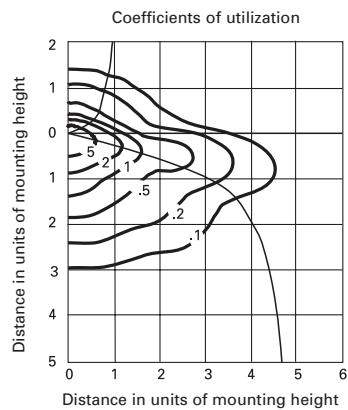
**TWL 70S** Test report no. 19045



70W, high pressure sodium lamp, vertical lamp orientation, 8' mounting height, 6300 rated lumens.  
**Total fixture efficiency: 68.7%**

## Horizontal Lamp Orientation

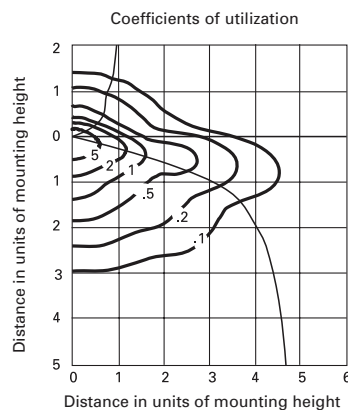
**TWL 35S** Test report no. 92031201



35W, high pressure sodium lamp, horizontal lamp orientation, 8' mounting height, 2,250 rated lumens.  
**Total fixture efficiency: 80.2%**

## Horizontal Lamp Orientation

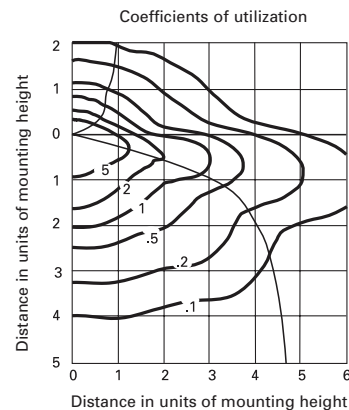
**TWL 50S** Test report no. 92031202



50W, high pressure sodium lamp, horizontal lamp orientation, 8' mounting height, 4000 rated lumens.  
**Total fixture efficiency: 80.2%**

## Horizontal Lamp Orientation

**TWL 70S** Test report no. 92022805



70W, high pressure sodium lamp, horizontal lamp orientation, 8' mounting height, 6300 rated lumens.  
**Total fixture efficiency: 80.2%**