

# TWL



### Intended Use

Use for entrances, stairwells, corridors and other pedestrian areas. **Certain airborne contaminants can diminish integrity of acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.**

### Construction

Housing: Normal power factor (NPF) backplate is heavy-gauge steel. High power factor (HPF) housing is heavy-duty cast aluminum, finished in dark bronze. Electrical components are

mounted to backplate (NPF) or cast housing (HPF) for maximum heat dissipation. External hardware is treated for corrosion resistance and includes slotted hex-head and tamper-proof fasteners. Finish is dark bronze (DDB) corrosion-resistant polyester powder.

### Optics

Lens: Injection-molded, one-piece, UV-stabilized polycarbonate. Optical system is sealed and gasketed to inhibit entrance of outside contaminants. Standard finish is dark bronze (DDB) corrosion-resistant polyester enamel.

### Electrical

Ballast: 120V reactor normal (RNP) or high power factor (RHP) or high-reactance, high power factor (XHP). Compact fluorescent ballasts are HPF multi-volt electronic with 0°F starting temperature. 7TT, 9TT and 13TT are electromagnetic NPF.

Socket: HPS: Medium-base porcelain socket, vertically oriented with copper alloy nickel-plated screw shell and center contact. (UL listed 660W, 600V.) Compact fluorescent socket is positive latching thermoplastic.

### 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. HPF units have 3/4" threaded hub for wiring access. Closed-cell gasketing seals junction.

### Listings

UL Listed (standard). CSA or NOM Certified (see Options). UL Listed for wet locations. IP64 rated.

## ADA

### ORDERING INFORMATION

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

Example: TWL 50S 120 SF LPI

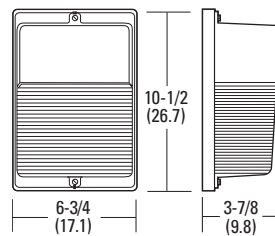
Series	Lamp type	Voltage	Ballast	Options <sup>11</sup>	Finish	Lamped <sup>13</sup>
TWL	High pressure sodium	Fluorescent	(blank)	SF Single fuse (120V, 277V) <sup>5,12</sup>	(blank)	LPI Lamp included as standard
	35S <sup>1</sup>	7TT <sup>1</sup>	RHP	PE Photoelectric cell (button type) <sup>3,12</sup>	DNA Natural aluminum	
	50S	9TT <sup>1</sup>	XHP	GLR Internal fast-blow fusing <sup>8,12</sup>	DBL Black	L/LP Less lamp
	70S	13TT <sup>1</sup>		GMF Internal slow-blow fusing <sup>8,12</sup>	DMB Medium bronze	
		13DTT <sup>1</sup>		CSA Meets Canadian standards	DWH White	
		26DTT		NOM Meets Mexican standards (consult factory)	DSS Sandstone	

### ADDITIONAL INFORMATION

For additional product information, visit [www.lithonia.com](http://www.lithonia.com).

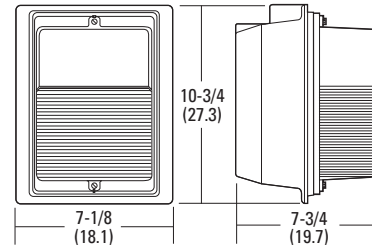
LAMP/FIXTURE DATA			
LAMP TYPE	BALLAST	LAMP SIZE	BASE TYPE
35S	RNP	E17	Medium
35S	RHP	E17	Medium
50S	RNP	E17	Medium
50S	RHP	E17	Medium
50S	XHP	E17	Medium
70S	RNP	E17	Medium
70S	RHP	E17	Medium
70S	XHP	E17	Medium
7TT	RNP	T4	G23
9TT	RNP	T4	G23
13TT	RNP	T4	GX23
13DTT	RNP	T4	GX24q-1
26DTT	HPF	T4	G24q-3
26TRT	HPF	T4	G24q-3
32TRT	HPF	T4	GX24q-3
42TRT	HPF	T4	GX24q-4

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Weight: 4 lbs (1.8 kg)

TWL 120V NPF



Weight: 8.5 lbs (3.9 kg)

TWL HPF

ACCESSORIES	
ORDER SEPARATELY	
RK1 PEB1	Photoelectric control kit, 120V
RK1 PEB2	Photoelectric control kit, 208V, 240V, 277V
RK1 PEB3 CSA	Photoelectric control kit, 347V
RK1 PEB1 CSA	Photoelectric control kit, 120V
TWLMB	Cast aluminum mounting box
TWLWG	Wireguard <sup>14</sup>
TWLEP1	Extension collar 1-1/2" deep <sup>15</sup>
TWLEP2	Extension collar 2-1/8" deep <sup>15</sup>

### Notes

- 120V only.
- A19 lamp (75W max, lamp not included).
- Requires cast HPF back housing.
- Consult factory for availability in Canada.
- Available for HID units only.
- Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- Optional multi-volt electric ballast (for compact fluorescent) capable of operating on any line voltage from 120V-277V.
- Available with compact fluorescent units only.
- HPS only. Not available in 35S.
- Available for 120V only. Standard for 208V, 240V, 277V, 347V and TB.
- For other options and accessories, see Accessories table and pages 148-149.
- Not available with multi-tap ballast.
- Lamp(s) included unless L/LP is specified.
- Order TWAWG with TWLMB, EP or HPF.
- 120V NPF units only.