

TWR



Intended Use

For mounting above entry-ways and loading docks. **Contact with a direct forceful spray of water during operation can result in glass breakage. Not recommended for car wash applications.**

Construction

Housing: Rugged, die-cast aluminum back housing and hinged doorframe. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. Finish is bronze polyester powder paint standard.

Optics

(TWR1, TWR2) Refractor is

prismatic borosilicate glass. Reflector is die-formed anodized stippled aluminum. TWR1 medium-base lamp and TWR2 mogul-base lamp included in carton as standard.

Electrical

Ballast: All ballasts are 100% factory tested. HPS: High reactance, high power factor for 150W and below. Constant wattage autotransformer 250W and above. MH: 150W and below are standard with pulse-start ignitor technology. Super CWA Pulse Start ballasts, 88% efficient and EISA legislation compliant, are required for 151-400W (must order SCWA option). Compact

fluorescent uses an electronic high-frequency ballast.

Socket: Porcelain, medium-base socket for TWR1, mogul-base socket for TWR2, with copper alloy nickel-plated screw shell and center contact. Fluorescent is four-pin positive latching thermoplastic. LPI is standard 35K for CFL.

Installation

Housing configured for mounting directly over a standard 4" outlet box or for surface wiring via any of three convenient 3/4" threaded conduit entry hubs.

Listings

UL Listed standard to U.S. and Canadian safety standards. CSA Certified (see Options). UL/C-UL Listed for wet locations.



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: TWR1 150S TB LPI

Series	Lamp type ¹	Ballast	Options	Finish	Lamped	
TWR1	High pressure sodium	Metal halide	120	(blank) Photoelectric cell - button type ⁸	(blank) Dark bronze	LPI Lamp included
TWR2	70S	70M	TB⁴	CSA Meets Canadian standards		
	100S	100M	MVOLT⁵	WG Wire guard ⁹		
	150S	150M	120/347 ⁶			
	250S	250M²				
	400S	400M²				
		Compact fluorescent				
		2/42TRT³				

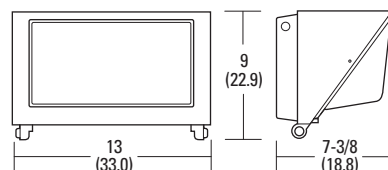
ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS	
SERIES	LAMP TYPE
TWR1	70S, 70M, 100S, 100M, 150S, 150M, 2/42TRT
TWR2	250S, 250M, 400S, 400M

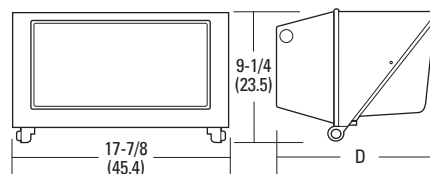
ACCESSORIES	
ORDER SEPARATELY	
TWR1WG	Wireguard
TWR2WG	Wireguard
RK1 TWR1FA	Lens repair kit
RK1 TWR2FA	Lens repair kit

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



Weight: 18 lbs (8.1 kg)

TWR1



	250W	400W
Depth:	9-3/8 (23.8)	12-1/2 (31.8)
Weight:	26 lbs (11.8 Kg)	31 lbs (14Kg)

TWR2

Notes

- 1 Specify lamp type. See Configurations table.
- 2 Must be ordered with SCWA option.
- 3 Available with MVOLT or 120V with PE only.
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V).
- 5 Only available with 2/42TRT.
- 6 Only available with CSA.
- 7 Only available for 250M and 400M.
- 8 Available with 250M, 400M, 2/42TRT (120V) only. Consult factory for other wattage/voltage availability.
- 9 May be ordered as an accessory. Prefix with fixture name and size (e.g., TWR1WG).