

FEATURES & SPECIFICATIONS

INTENDED USE — For entrances, loading docks, walkways and vehicle ramps.

CONSTRUCTION — Rear housing: Rugged, corrosion-resistant, die-cast aluminum. Corrosion-resistant external hardware includes slotted hex-head and tamperproof fasteners.

Front housing and refractor: one-piece, injection-molded, UV-stabilized polycarbonate.

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

OPTICS — Reflector is finished in white thermoset polyester powder, electrostatically applied. Standard finish on opaque portion of front cover and back housing is dark bronze polyester enamel. Refractor is sealed and gasketed to inhibit the entrance of outside contaminants.

ELECTRICAL — Ballast: Low and high pressure sodium are high reactance, high power factor. Metal halide 50-150W are high reactance, high power factor and are standard with pulse-start ignitor technology. "SCWA" not required. Constant wattage autotransformer for 175M (CSA, NOM or INTL required for probe start shipments outside of the US). Super CWA (pulse start ballast), 88% efficient and EISA legislation compliant, is required for 175M (SCWA option) for US shipments only. Ballast is 100% factory-tested.

Socket: Porcelain, horizontally oriented, single-ended bayonet base socket for 35W low pressure sodium; medium base socket for 70-150W; and mogul base socket for 175W with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

INSTALLATION — Top 3/4" threaded wiring access. Back access through removable 3/4" knockout. Feed-thru wiring can be achieved by using a conduit tee. Mount on any flat, vertical surface.

LISTINGS — Listed and labeled to UL standards. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). UL listed for 25°C ambient and wet locations. IP64 rated.

Note: Not recommended for use in car wash interior applications.

Specifications subject to change without notice.

Catalog Number
Notes
Type



Wall Packs

TWP

METAL HALIDE 70W-175W
HIGH PRESSURE SODIUM 35W-150W
LOW PRESSURE SODIUM 35W
8' to 15' Mounting

Specifications

Height: 15-1/2 (39.4)

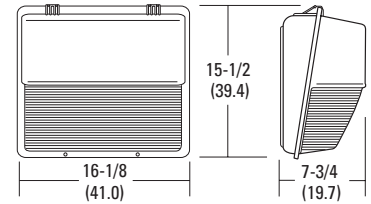
Width: 16-1/8 (41.0)

Depth: 7-3/4 (19.7)

*Weight: 17.9 lbs. (8.12 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

* Weight as configured in example below.



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: TWP 100M 120 LPI

TWP	Series	Wattage	Voltage	Ballast	Options	Finish	Lamp ¹³
TWP		<u>Metal halide</u>	120	(blank) Magnetic ballast	<u>Shipped installed in fixture</u>	(blank) Dark bronze	LPI Lamp included L/LP Less lamp
		70M ^{1,2}	208 ⁶	CWI Constant wattage isolated	SF Single fuse (120, 277, 347V)	DBL Black	
		100M¹	240 ⁶		DF Double fuse (208, 240, 480V)	DMB Medium bronze	
		150M	277		EC Emergency circuit ⁹	DWH White	
		175M^{2,3}	347		QRS Quartz restrike ⁹	DNA Natural aluminum	
		<u>Ceramic metal halide</u>	480 ⁶	SCWA Super CWA pulse start ballast	QRSTD Quartz restrike system with time delay ^{9,9}	DSS Sandstone	
		70MHC ^{1,2}	TB⁷	Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	PE Photoelectric cell, button type¹⁰	CR Enhanced corrosion resistant	
		100MHC ¹	23050HZ ⁹		CSA Listed and labeled to comply with Canadian Standards	CRT Non-stick protective coating ¹²	
		150MHC			NOM NOM Certified ⁸		
		<u>High pressure sodium¹</u>			INTL Available for 175M probe start shipping outside the U.S.		
		35S ⁴			FS Full shield		
		50S			<u>Shipped separately¹¹</u>		
		70S			WG Wire guard		
		100S					
		150S⁵					
<u>Low pressure sodium¹</u>							
35L							

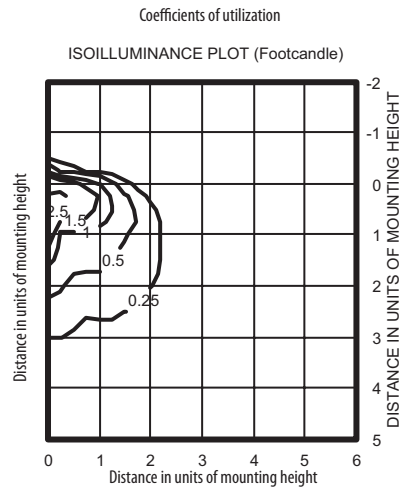
Notes

- Not available with SCWA.
- Not available with 480V.
- These wattages do not comply with California Title 20 regulations.
- 120V only.
- Operates 55V lamp.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada 120, 277, 347V; ships as 120/347.
- Consult factory for available wattages.
- Maximum allowable wattage lamp included.
- Not available with 480V or TB.
- May be ordered as an accessory with prefix TWP. Requires field modification.
- Black finish (coating applied to housing only).
- Must be specified. L/LP N/A MHC.

TWP Metal Halide, High Pressure Sodium, Low Pressure Sodium Wall Packs

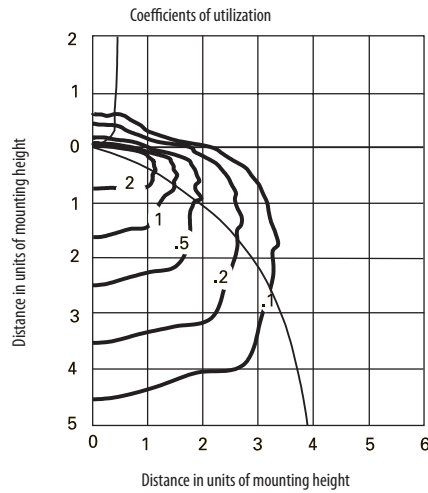
Coefficient of Utilization _____
 Initial Footcandles _____

TWP 70M Test Report no. 97021601



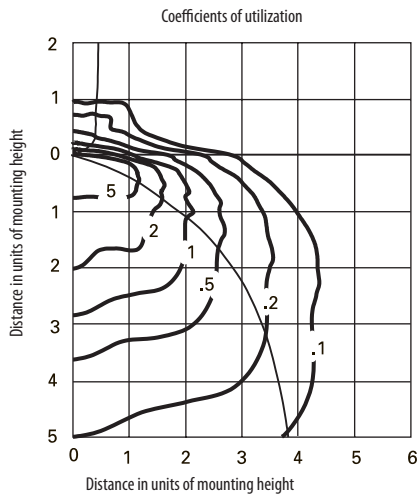
70W, metal halide lamp, horizontal lamp orientation, 10' mounting height, 5,200 rated lumens.
Total fixture efficiency: 50.7%

TWP 70S Test Report no. 94121702



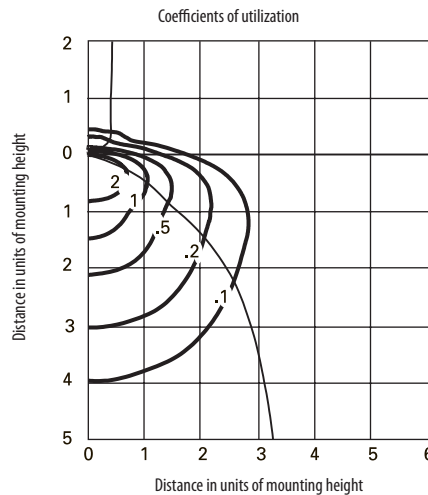
70W, high pressure sodium lamp, horizontal lamp orientation, 12' mounting height, 6,300 rated lumens.
Total fixture efficiency: 55%

TWP 150S Test Report no. 94121503



150W, high pressure sodium lamp, horizontal lamp orientation, 12' mounting height, 16,000 rated lumens.
Total fixture efficiency: 53.4%

TWP 35LPS Test Report no. 94121903



35W, low pressure sodium lamp, horizontal lamp orientation, 12' mounting height, 4,800 rated lumens.
Total fixture efficiency: 48.4%

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

10'	12'
10 ft. = 1.44	10 ft. = 1.44
15 ft. = .44	15 ft. = .64
20 ft. = .25	20 ft. = .36
25 ft. = .16	25 ft. = .25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$