

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — For entrances, stairwells, corridors and other pedestrian areas.

CONSTRUCTION — Rear housing is rugged, corrosion-resistant, die-cast aluminum. Front cover is one-piece UV-resistant injection molded polycarbonate, internally painted. Captive external hardware is specially treated for corrosion resistance and includes slotted hex-head and tamperproof fasteners.

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

OPTICS — One-piece die-formed reflector is diffused aluminum. Refractor is clear UV stabilized polycarbonate. Front cover is sealed and gasketed to inhibit the entrance of outside contaminants.

ELECTRICAL — Ballast: Metal halide: high reactance, high power factor. HPS: 50S, 120V are reactor, normal power factor. High reactance, high power factor (XHP) optional for 50S, 120V. 208, 240, 277, 347 and TB are standard XHP. Ballasts are 100% factory tested. UL listed 660W, 600V and 4kV pulse rated.

All components are heat-sunk directly to the cast housing for maximum heat dissipation.

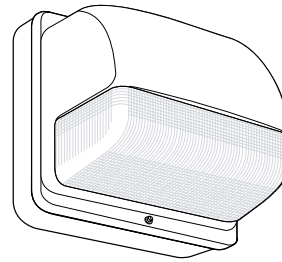
Socket: Porcelain, horizontally oriented medium-base socket with copper alloy, nickel-plated screw shell and center contact.

INSTALLATION — Mount to any vertical surface or to a 4" round square outlet box. Back access through gasketed slot. Top wiring access through 1/2" threaded conduit entry. (Through-wiring requires use of a conduit tee). Photocells are field-installable.

LISTINGS — UL listed for wet locations. IP65 rated. UL Listed to US and Canadian safety standards (see Options). NOM Certified.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



Mini Wall Packs

TWA

METAL HALIDE: 50-100W
HIGH PRESSURE SODIUM: 50W

Specifications

Height: 10 (25.4)

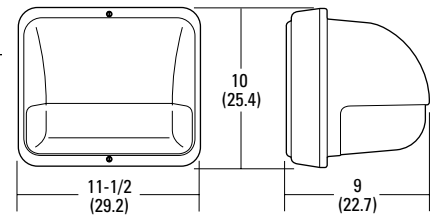
Width: 11-1/2 (29.2)

Depth: 8-15/16 (22.7)

*Weight: 10 lbs. (4.53 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)**.

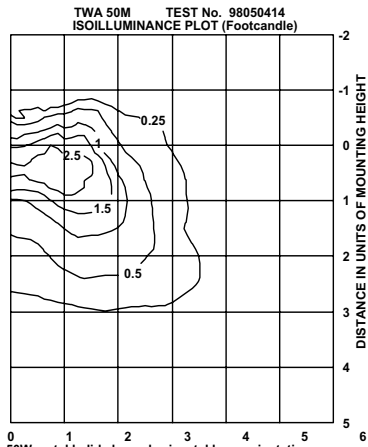
Example: TWA 50M 120 LPI

TWA	Series	Wattage	Voltage	Ballast	Options	Finish	Lamp ¹⁰
	TWA	Metal halide	120	(blank) Magnetic	Shipped installed in fixture	(blank) Dark bronze	LPI Lamp included
		50M¹	208 ²	XHP High reactance, high power factor ⁵	SF Single fuse (120, 277, 347V)	DNA Natural aluminum	
		70M¹	240 ²	CWI Constant wattage isolated ⁴	DF Double fuse (208, 240V)	DBL Black	L/LP Less lamp
		100M¹	277		EC Emergency circuit ⁶	DMB Medium bronze	
		High pressure sodium	347	23050HZ ⁴	QRS Quartz restrike system ⁷	DWH White	
		35S ²	TB³		CSA Listed and labeled to comply with Canadian Standards	DSS Sandstone	
		50S		NOM NOM Certified ⁴	CRT Non-stick protective coating ⁹		
		70S		PE Photocell ⁸	<u>Super Durable Finishes</u>		
		100S		Shipped separately ⁸	DDBXD Dark bronze		
				WG Wire guard	DBLXD Black		
					DNAXD Natural aluminum		
					DWHXD White		
					DDBTXD Textured dark bronze		
					DBLBXD Textured black		
					DNATXD Textured natural aluminum		
					DWHGXD Textured white		

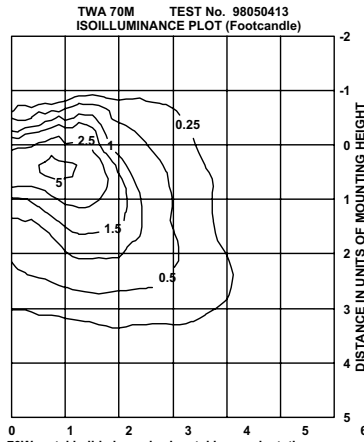
Notes

- Not available with 347V.
- Must specify CWI in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). In Canada (120, 277, 347V) ships as 120/347.
- Consult factory for available wattages.
- Optional for 120V HPS only (n/a 35S).
- Maximum allowable wattage lamp included.
- Not available with TB.
- May be ordered as an accessory as TWAUG U.
- Finish applied to housing only.
- Must be specified.

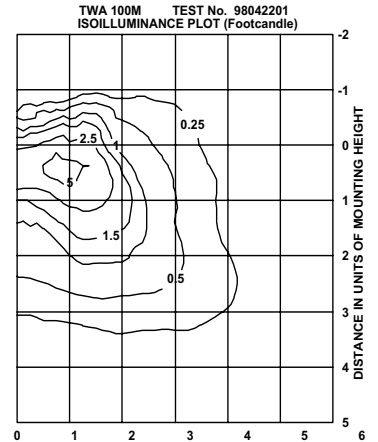
TWA Metal Halide, High Pressure Sodium Wall Mounted



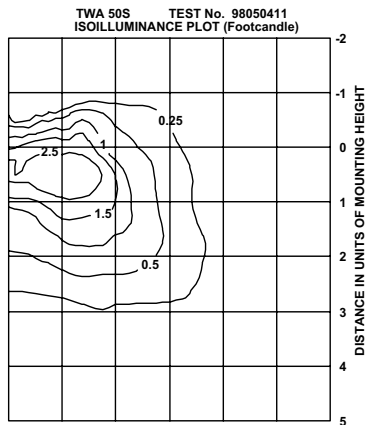
50W metal halide lamp, horizontal lamp orientation,
Footcandle values based on 8' mounting height, 3500 rated lumens.
Luminaire efficiency: 56.0%



70W metal halide lamp, horizontal lamp orientation,
Footcandle values based on 8' mounting height, 5200 rated lumens.
Luminaire efficiency: 56.1%



100W metal halide lamp, horizontal lamp orientation,
Footcandle values based on 10' mounting height, 8500 rated lumens.
Luminaire efficiency: 56.0%



50W high pressure sodium lamp, horizontal lamp orientation,
Footcandle values based on 8' mounting height, 4000 rated lumens.
Luminaire efficiency: 54.0%

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

8'

10'

6 ft.= 1.78

8 ft.= 1.56

10 ft.= 0.64

12 ft.= 0.69

12 ft.= 0.45

14 ft.= 0.51

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

Notes

- 1 Photometric data for other distributions can be accessed at
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet based on the most current available data and are subject to change without notice.
- 3 For electrical characteristics, consult outdoor technical data specification sheets on
- 4 Actual performance may differ as a result of end-user environment and application.