

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.

OPTICAL SYSTEM

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 SYSTEM

Ballast: Metal halide: high reactance, high power factor. HPS: 35S, 50S, 70S, 120V are reactor, normal power factor. 100S 120V is reactor, high power factor. High reactance, high power factor (XHP) optional for 50S, 70S and 100S, 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-sinked 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.

LISTING

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

Note: Specifications subject to change without notice.

Mini Wall-Packs

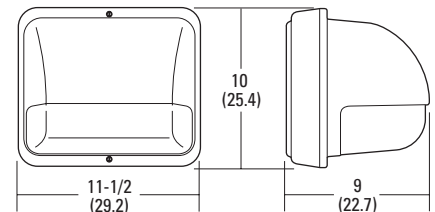
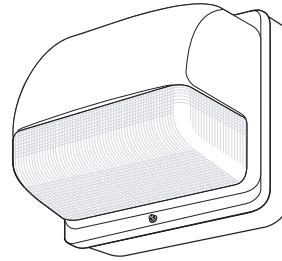
TWA

METAL HALIDE

50-100W

HIGH PRESSURE SODIUM

35-100W



Specifications

Height: 10" (25.4cm)
 Width: 11-1/2" (29.2cm)
 Depth: 8-15/16" (22.7cm)
 *Weight: 10 lbs. (4.53kg)

*Weight as configured example below

ORDERING INFORMATION

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

Example: TWA 50M 120 LPI

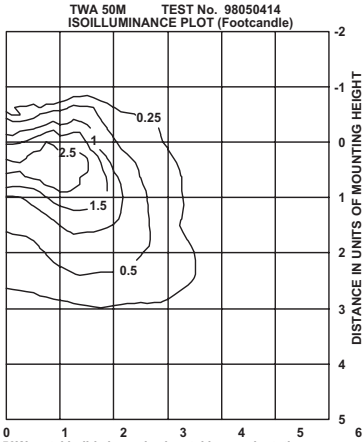
TWA

Series	Wattage	Voltage	Ballast	Options	Finish	Lamp ¹⁰			
TWA	<u>Metal halide</u>	120	(blank) Magnetic	Shipped installed in fixture	(blank) Dark bronze	LPI Lamp included			
	50M	208 ²					CWI Constant wattage isolated	SF Single fuse (120, 277, 347V)	DNA Natural aluminum
	70M	240 ²	XHP High reactance (lag), high power factor ⁵				DF Double fuse (208, 240V)	DBL Black	
	100M	277					EC Emergency circuit ⁶	DMB Medium bronze	
	<u>High pressure sodium</u>	347	23050HZ ⁴				QRS Quartz restrrike system ⁶	DWH White	
	35S ¹	TB³					CSA Listed and labeled to comply with Canadian Standards	DSS Sandstone	
	50S							NOM NOM Certified ⁴	CR Enhanced corrosion-resistance ⁹
	70S							PE Photocell ⁷	CRT Non-stick protective coating ⁹
	100S						Shipped separately⁸	WG Wire guard	

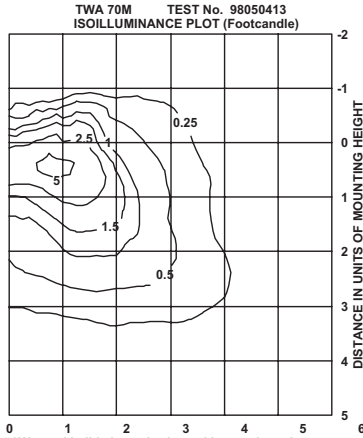
NOTES:

- 120V only.
- 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 TWA WG U.
- Finish applied to housing only.
- Must be specified.

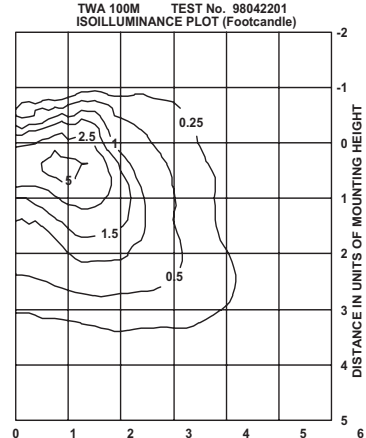
TWA Metal Halide, High Pressure Sodium Wall Mounted



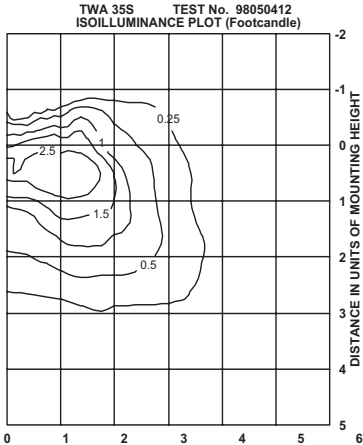
50W metal halide lamp, horizontal lamp orientation,
Footcandle values based on 8' mounting height, 3500 rated lumens.
Luminaire efficiency: 56.0%



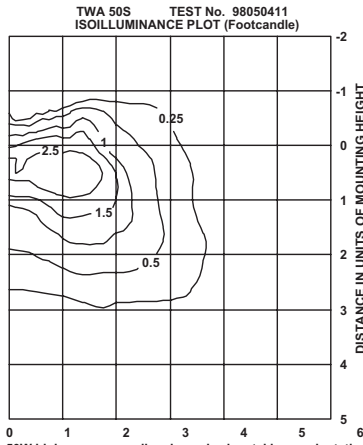
70W metal halide lamp, horizontal lamp orientation,
Footcandle values based on 8' mounting height, 5200 rated lumens.
Luminaire efficiency: 56.1%



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



35W high pressure sodium lamp, horizontal lamp orientation,
Footcandle values based on 6' mounting height, 2250 rated lumens.
Luminaire efficiency: 54.0%



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



100W high pressure sodium lamp, horizontal lamp orientation,
Footcandle values based on 10' mounting height, 9500 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

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