

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Outdoor storage areas, warehouse and factory perimeters and loading docks.

**CONSTRUCTION** — Rugged, corrosion-resistant, die-cast aluminum. Corrosion-resistant external hardware includes slotted hex-head fasteners.

Finish: Standard finish is electrostatically-applied, oven-cured, dark bronze (DDB) corrosion-resistant polyester powder paint.

**OPTICS** — Reflector is specular anodized aluminum. Refractor is prismatic borosilicate glass which is sealed and gasketed to inhibit the entrance of outside contaminants.

**ELECTRICAL** — Electrical components are mounted in hinged front cover that includes primary and secondary electrical disconnect.

**Ballast:** Low pressure sodium: High reactance, high power factor. High pressure sodium: 100-150W is high reactance, high power factor. Constant wattage autotransformer for 200-400W. Metal halide: 70-150W is high reactance, high power factor and is standard with pulse-start ignitor technology. SCWA not required. Constant wattage autotransformer for 250-400W. Super CWA (pulse start ballast), DOE 2017 compliant, is required for metal halide 151-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. 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 and above, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

**INSTALLATION** — Back housing is separated from front housing, eliminating ballast weight and promoting easy handling. 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 vertical surface. **Not recommended in applications where a sprayed stream of water can come in direct contact with glass lens.**

**LISTINGS** — UL Listed (standard). CSA or NOM Certified (see Options). UL listed for 25°C ambient and suitable for wet locations. IP65 rated (250 watt and below) or IP54 rated (400 watt) in accordance with IEC Standard 529.

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

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type



Wall Packs

# TWH

METAL HALIDE: 100W - 400W  
HIGH PRESSURE SODIUM: 70W - 400W  
LOW PRESSURE SODIUM: 35W  
8' to 25' Mounting

### Specifications

Height: 15-3/4 (40.0)

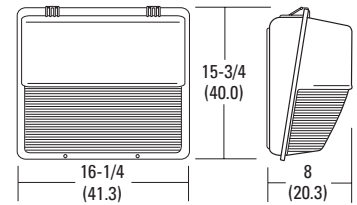
Width: 16-1/4 (41.3)

Depth: 8 (20.3)

\*Weight: 29.95 (13.59kg)

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:** TWH 250M TB SCWA LPI

TWH	Series	Wattage	Voltage	Ballast	Options	Finish <sup>13</sup>	Lamp <sup>15</sup>
TWH	Low pressure sodium <sup>1</sup>	Metal halide	<b>120</b>	(blank) Magnetic ballast	<b>Shipped installed in fixture</b>		LPI Lamp included L/LP Less lamp
		100M <sup>1</sup>	208 <sup>5</sup>	CWI Constant wattage isolated <sup>7</sup>	SF Single fuse (120, 277, 347V)	(blank) Dark bronze	
	High pressure sodium <sup>1</sup>	35L	240 <sup>5</sup>	Pulse Start Super CWA pulse start ballast	DF Double fuse (208, 240, 480V)	DNA Natural aluminum	
		250M <sup>3,4</sup>	277		EC Emergency circuit <sup>8</sup>	DBL Black	
	70S	347	Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	QRS Quartz restrike <sup>8</sup>	DMB Medium bronze		
	100S	480 <sup>5</sup>		QRSTD Quartz restrike system with time delay <sup>7,8</sup>	DWH White		
	150S <sup>2</sup>	<b>TB<sup>6</sup></b>		PE Photoelectric cell - button type <sup>9</sup>	CR Enhanced corrosion resistant		
	200S	2305HZ <sup>7</sup>		PER NEMA twist-lock receptacle <sup>10</sup>	CRT Non-stick protective coating <sup>14</sup>		
	<b>250S</b>			FS Full shield			
	<b>400S</b>			TP Tamper proof screws			
				<b>CSA</b> Listed and labeled to comply with Canadian Standards			
				NOM NOM Certified <sup>7</sup>			
				INTL Available for MH probe start shipping outside the U.S.			
				REGC1 California Title 20 effective 1/1/2010			
			<b>Shipped separately<sup>11</sup></b>				
		PE1 NEMA twist-lock PE (120V/208V/240V)					
		PE3 NEMA twist-lock PE (347V)					
		PE4 NEMA twist-lock PE (480V)					
		PE7 NEMA twist-lock PE (277V)					
		SC Shooting cap for PER option					
		VG Vandal guard <sup>12</sup>					
		WG Wire guard <sup>12</sup>					

### Notes

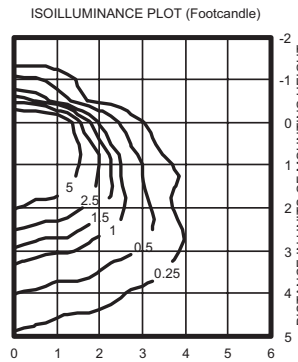
- Not available with SCWA.
- Operates 55V lamp.
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347 or 480V.
- Requires T-15, ED or BT28 reduced jacket lamp.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); in Canada (120, 277, 347V).
- Consult factory for available wattages.

- Max allowable wattage lamp included.
- Not available with 480V.
- Photocell not included.
- May be ordered as an accessory.
- Prefix with TWH when ordered as an accessory. Requires field modification.
- See [www.lithonia.com/archcolors](http://www.lithonia.com/archcolors) for additional color options.
- Black finish only.
- Must be specified. L/LP N/A MHC.

# TWH Metal Halide Wall-Packs

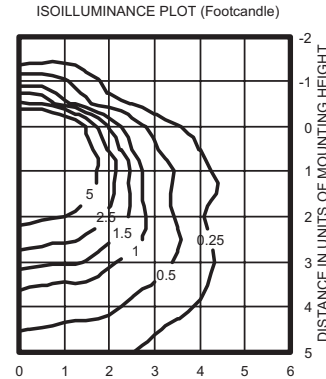
Coefficient of Utilization \_\_\_\_\_  
 Initial Footcandles \_\_\_\_\_

## TWH 250M Test report no. 95011902P



250W pulse start metal halide lamp, horizontal lamp orientation  
 Footcandle values based on 12'  
 mounting height, 25000 rated lumens.  
 Luminaire Efficiency: 77%

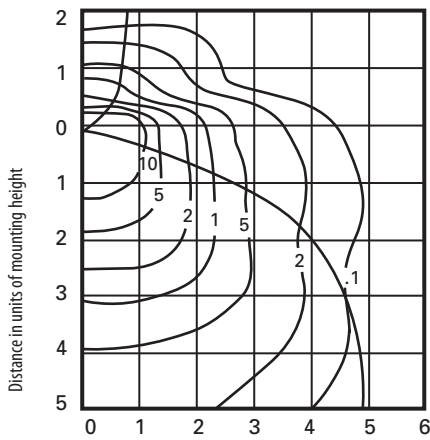
## TWH 400M Test report no. 94112102P



400W pulse start metal halide lamp, horizontal lamp orientation  
 Footcandle values based on 12'  
 mounting height, 38000 rated lumens.  
 Luminaire Efficiency: 70%

## TWH 250S Test report no. 94121002

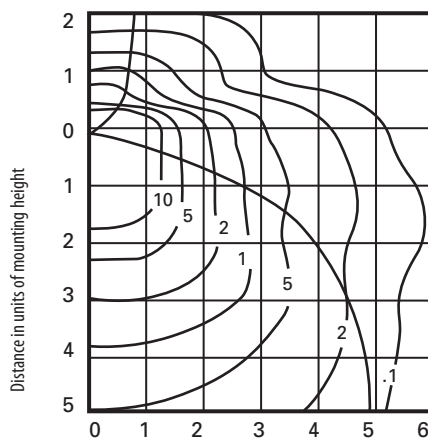
Coefficients of utilization



250W, high pressure sodium lamp, horizontal lamp orientation,  
 12' mounting height, 27,500 rated lumens.  
**Total fixture efficiency: 70.9%**

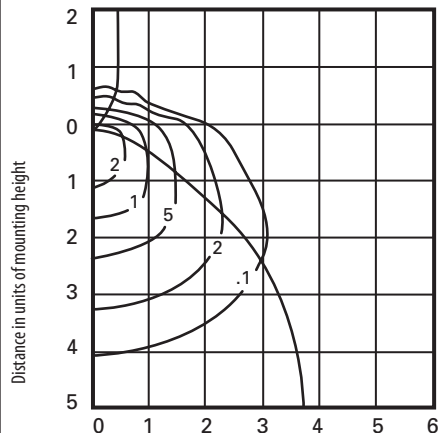
## TWH 400S Test report no. 94121001

Coefficients of utilization



400W, high pressure sodium lamp, horizontal lamp orientation,  
 12' mounting height, 50,000 rated lumens.  
**Total fixture efficiency: 70.9%**

## TWH 35L Test report no. 94121902



35W, low pressure sodium lamp, horizontal lamp orientation, 12'  
 mounting height, 4,800 rated lumens.  
**Total fixture efficiency: 54.6%**

**Notes**

1 Photometric data for other distributions can be accessed from the Lithonia Lighting Web site. ([www.lithonia.com](http://www.lithonia.com))

**Mounting Height Correction Factor**

(Multiply the fc level by the correction factor)

15 ft. = .64

20 ft. = .36

25 ft. = .23

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