

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: High pressure sodium: 150W is high reactance, high power factor. Constant wattage autotransformer for 250W-400W. Metal halide: 100W 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, medium base socket for 100W-150W; and mogul base socket for 250W 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/support/customer-support/terms-and-conditions

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: 150W - 400W
8' to 25' Mounting

Specifications

Height: 15-3/4 (40.0)

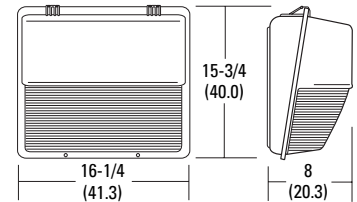
Width: 16-1/4 (41.3)

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
TWH	<u>High pressure sodium</u> ¹	<u>Metal halide</u>	120	(blank) Magnetic ballast
	150S ²	100M ¹	208 ⁵	 Pulse Start LED BALLAST SYSTEM
	250S	400M ^{3,4}	240 ⁵	SCWA Super CWA pulse start ballast
	400S		277	Note: For shipments to U.S. territories, SCWA must be specified to comply with EISA.
			347	
			480 ⁵	
			TB ⁶	

Options	Finish ¹²	Lamp ¹⁴
<u>Shipped installed in fixture</u>	(blank) Dark bronze	LPI Lamp included
SF Single fuse (120, 277, 347V)	DNA Natural aluminum	L/LP Less lamp
DF Double fuse (208, 240, 480V)	DBL Black	
PE Photoelectric cell - button type ⁷	DMB Medium bronze	
PER NEMA twist-lock receptacle ⁸	DWH White	
FS Full shield	CR Enhanced corrosion resistant	
TP Tamper proof screws	CRT Non-stick protective coating ¹³	
CSA Listed and labeled to comply with Canadian Standards		
NOM NOM Certified ⁹		

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).
- Not available with 480V.

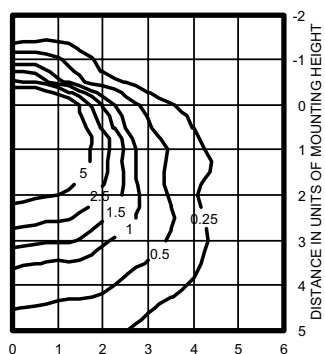
- Photocell not included.
- Consult factory for available wattages.
- May be ordered as an accessory.
- Prefix with TWH when ordered as an accessory. Requires field modification.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified. L/LP N/A MHC.

TWH Metal Halide Wall-Packs

Coefficient of Utilization _____
 Initial Footcandles _____

TWH 400M Test report no. 9412102P

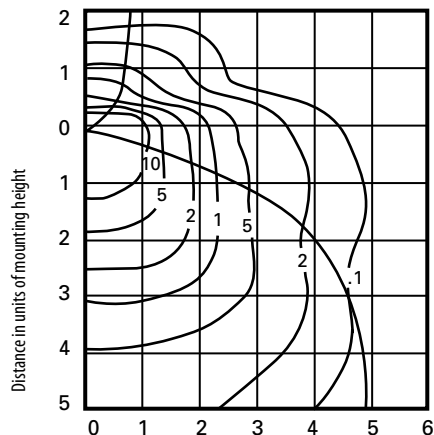
ISOILLUMINANCE PLOT (Footcandle)



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



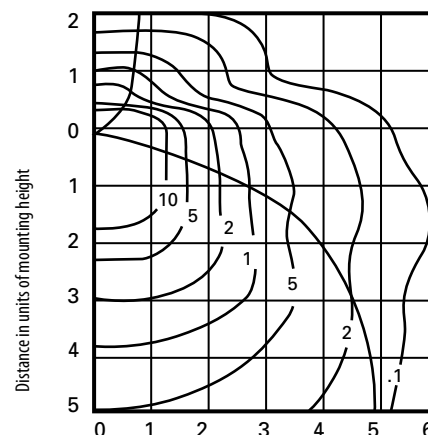
Distance in units of mounting height

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



Distance in units of mounting height

400W, high pressure sodium lamp, horizontal lamp orientation, 12' mounting height, 50,000 rated lumens.

Total fixture efficiency: 70.9%

Notes

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

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

15 ft. = .64

20 ft. = .36

25 ft. = .23

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