LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

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

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

Wall Packs

TWH

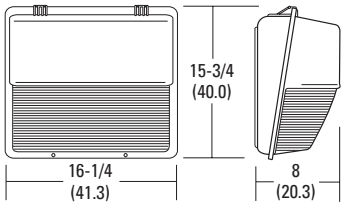
METAL HALIDE: 100W - 400W
HIGH PRESSURE SODIUM: 70W - 400W
LOW PRESSURE SODIUM: 35W
8' to 25' Mounting

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.



ORDERINGINFORMATION

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

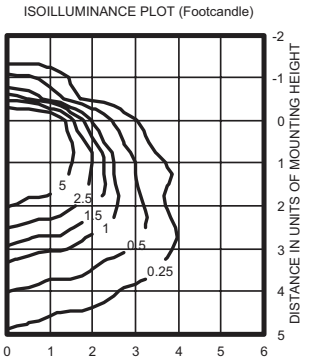
Notes

1. Not available with SCWA.
2. Operates 55V lamp.
3. 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.
4. Requires T-15, ED or BT28 reduced jacket lamp.
5. Must specify CWI for use in Canada.
6. Optional multi-tap ballast (120, 208, 240, 277V); in Canada (120, 277, 347V).
7. Consult factory for available wattages.
8. Max allowable wattage lamp included .
9. Not available with 480V.
10. Photocell not included.
11. May be ordered as an accessory.
12. Prefix with TWH when ordered as an accessory. Requires field modification.
13. 1See www.lithonia.com/archcolors for additional color options.
14. Black finish only.
15. Must be specified. L/LP N/A MHC.

TWH Metal Halide Wall-Packs

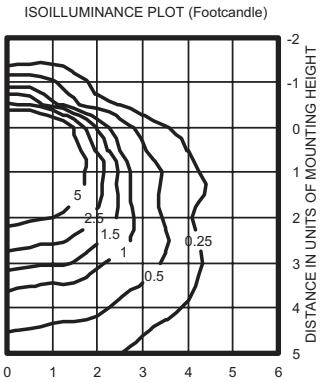
Coefficient of Utilization
Initial Footcandles

TWH 250M Test report no. 95011902P



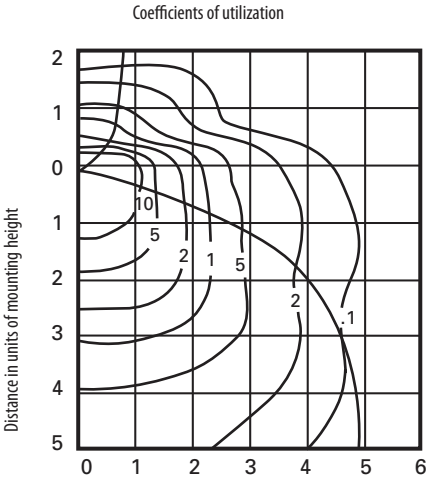
250W pulse start metal halide lamp, horizontal lamp orientation
Footcandle values based on 12'
mounting height, 25000 rated lumens.
Luminaire Efficiency: 77%

TWH 400M Test report no. 94112102P



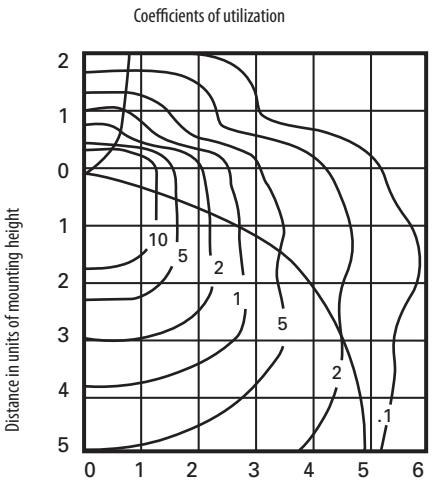
400W pulse start metal halide lamp, horizontal lamp orientation
Footcandle values based on 12'
mounting height, 38000 rated lumens.
Luminaire Efficiency: 70%

TWH 250S Test report no. 94121002



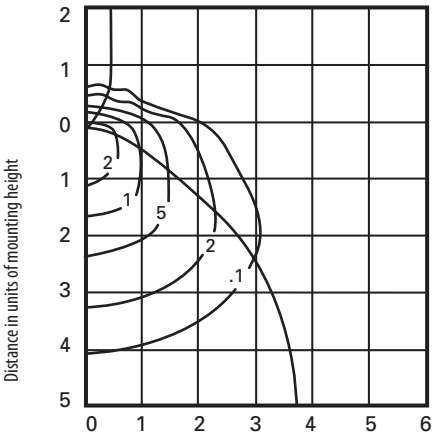
250W, high pressure sodium lamp, horizontal lamp orientation, 12' mounting height, 27,500 rated lumens.
Total fixture efficiency: 70.9%

TWH 400S Test report no. 94121001



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)

Mounting Height Correction Factor
(Multiply the fc level by the correction factor)
15 ft. = .64
20 ft. = .36
25 ft. = .23

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

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 770.922.9000 www.lithonia.com

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