

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, providing IES cutoff distribution and maximum lateral light output. Front cover is sealed and gasketed to inhibit the entrance of outside contaminants.

ELECTRICAL — Ballast: Metal halide: high reactance, high power factor. HPS: 50S, 70S, 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.

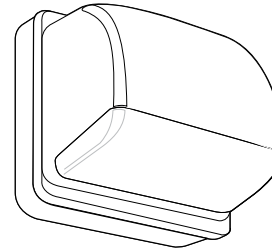
INSTALLATION — Mount to any vertical surface or to a 4" round square outlet box. Back access through gasketed slot. Top wiring access through 1/2" threaded conduit entry. (Through-wiring requires use of a conduit tee).

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: 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



Cutoff Mini Wall Packs

TWAC

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

Specifications

Height: 10 (25.4)

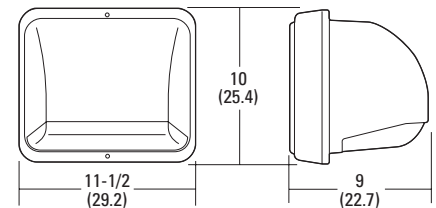
Width: 11-1/2 (29.2)

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: TWAC 50M 120 LPI

TWAC							
Series	Wattage	Voltage	Ballast	Options	Finish	Lamp ¹¹	
TWAC	<u>Metal halide</u> 50M¹ 70M¹ 100M¹ <u>High pressure sodium</u> 50S	120 208 ² 240 ² 277 347 TB³ 23050HZ ⁴	(blank) Magnetic XHP High reactance, high power factor ⁵ CWI Constant wattage isolated	<u>Shipped installed in fixture</u> SF Single fuse (120, 277, 347V) ⁶ DF Double fuse (208, 240V) ⁶ EC Emergency circuit ⁷ DC12 Emergency circuit 12 volt (35 watt lamp included) ⁸ DC2012 Emergency circuit 12 volt (20 watt lamp included) ⁸ 2DC12 Emergency circuit 12 volt (2 35 watt lamp included) ⁸ 2DC2012 Emergency circuit 12 volt (2 20 watt lamp included) ⁸ QRS Quartz restrike system ⁷ CSA Listed and labeled to comply with Canadian Standards NOM NOM Certified ⁴ PE Photocell ⁶ <u>Shipped separately⁹</u> WG Wire guard	(blank) Dark bronze DNA Natural aluminum DBL Black DMB Medium bronze DWH White DSS Sandstone CRT Non-stick protective coating ¹⁰ <u>Super Durable Finishes</u> DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white	LPI Lamp included L/LP Less lamp	

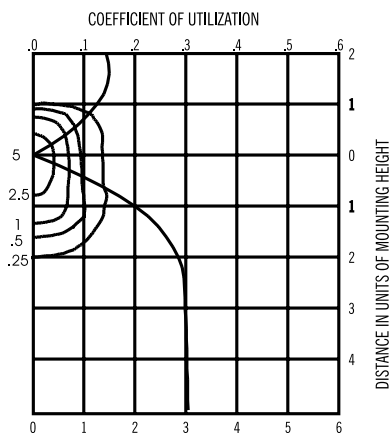
Notes

- 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).
- Not available with TB.
- Maximum allowable wattage lamp included.
- Not available with QRS, EC or NOM.
- May be ordered as an accessory as TWAWG U.
- Finish applied to housing only.
- Must be specified.

TWAC Metal Halide, High Pressure Sodium Wall Mounted

TWAC 50M

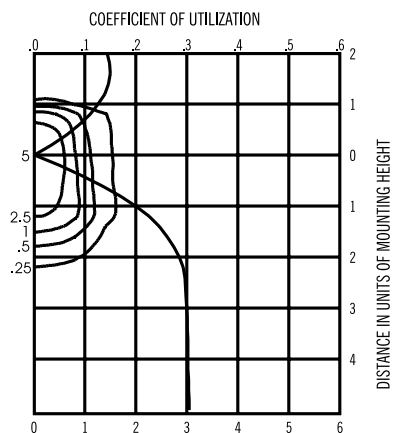
Test No. LTL8360



50W Metal Halide lamp, 8500 rated lumens. Footcandle values based on 20' mounting height, Distribution, cutoff.

TWAC 70M

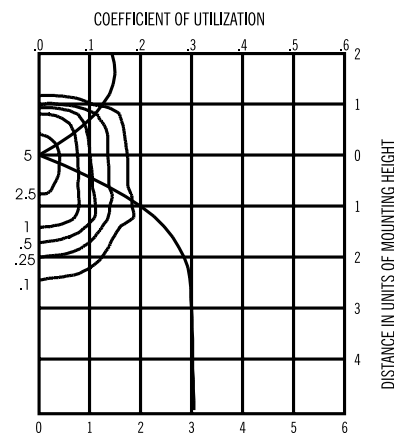
Test No. LTL8338



70W Metal Halide lamp, 5200 rated lumens. Footcandle values based on 20' mounting height, Distribution, cutoff.

TWAC 100M

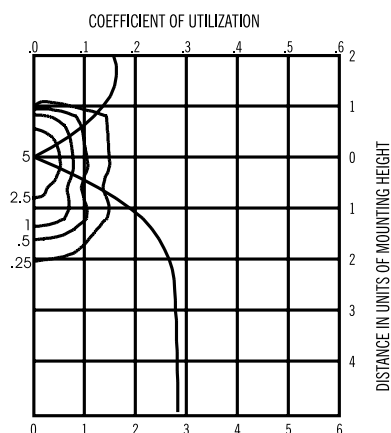
Test No. LTL8359



100W Metal Halide lamp, 8500 rated lumens. Footcandle values based on 20' mounting height, Distribution, cutoff.

TWAC 50S

Test No. LTL8357



50W High Pressure Sodium lamp, 6300 rated lumens. Footcandle values based on 20' mounting height, Distribution, cutoff.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

8 ft. = 6.25

10 ft. = 4.00

12 ft. = 2.78

15 ft. = 1.78

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

Notes

- 1 Photometric data for other distributions can be accessed at www.lithonia.com.
- 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 www.lithonia.com.
- 4 Actual performance may differ as a result of end-user environment and application.