LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE— For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast door frame has a 1/8" thick tempered glass lens. Door frame is fully gasketed with one-piece solid silicone.

OPTICS — Segmented reflectors for superior uniformity and control. Reflectors are interchangeable. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw).

ELECTRICAL — Ballast: 50W-150W utilizes a high reactance, high power factor ballast. Metal halide 150W and below are standard with pulse-start technology. 35S utilizes a reactance high power factor ballast. 175W utilizes a constant-wattage autotransformer ballast. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired.

Quick disconnect plug easily disconnects reflector from ballast. Ballasts are 100% factory-tested.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 660W, 600V 4KV pulse rated.

Finish: Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder finish. Additional architectural colors are available. Striping is also available.

INSTALLATION — Universal mounting mechanism with integral mounting support allows fixture to hinge down. Bubble level provides correct alignment with each installation.

LISTINGS — UL Listed (standard). CSA Certified (see Options). Suitable for wet locations (damp location listed in lens-up orientation). WLU option offers wet location listing in up orientation (see Options). IP65 rated. 25℃ ambient. ELED: U.S. Patent No. 7,737,640.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

NIGHTTIME FRIENDLY™
Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

Decorative Wall-Mounted Lighting

WST

METAL HALIDE: 50W-175W
HIGH PRESSURE SODIUM: 35W-150W

Specifications
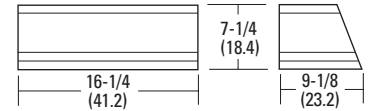
Length: 16-1/4 (41.2)

Depth: 9-1/8 (23.2)

Overall Height: 7-1/4 (18.4)

*Weight: 30 lbs (13.6 kg)

7-1/4 (18.4)
16-1/4 (41.2)
9-1/8 (23.2)

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)**.
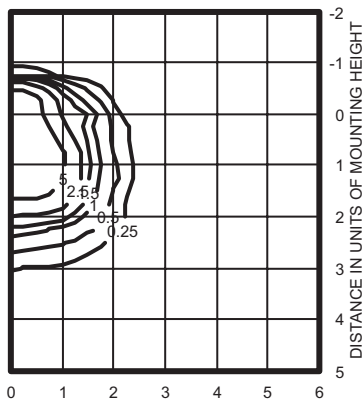
Example: WST 100M FT TB LPI

WST							
Series	**Wattage/source**			**Distribution**	**Voltage**	**Ballast**	**Mounting**	**Options**

Series	**Wattage/source**			**Distribution**	**Voltage**	**Ballast**	**Mounting**	**Options**
WST	High pressure sodium 35S[1] 50S 70S 100S 150S	Metal halide 50M **70M** **100M** **150M** 175M[2]	Ceramic metal halide 50MHC 70MHC 100MHC 150MHC	FT Forward throw MD Medium throw (coated lamp std.) **WT Wide throw**	**120** 208[3] 240[3] **277** **347** **TB**[4] 23050HZ[5]	**(blank) Magnetic ballast** CWI Constant wattage isolated *Pulse Start* HID Ballast/Lamp Systems SCWA Super CSA pulse start ballast[6]	**(blank) Surface mount** Shipped separately[7] BBW Surface mount back box UT5 Uptilt 5 degrees	Shipped installed in fixture SF Single fuse (120, 277, 347V)[8] DF Double fuse (208, 240V)[8] DC12 Emergency circuit 12-volt (35W lamp included)[9] 2DC12 Emergency circuit 12-volt (two 35W lamps included)[9] DC2012 Emergency circuit 12-volt (20W lamp included)[9] 2DC2012 Emergency circuit 12-volt (two 20W lamps included)[9]

Options (continued)				**Finish**[16]		**Lamp**[18]	
ELED Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature)[10]	QRS Quartz restrike system[11, 15]	Shipped separately[14]		**(blank)** Dark bronze, textured		**LPI** Lamp included	
2ELED Emergency LED secondary source (two modules) battery pack with time delay (-4°F min. operating temperature)[10]	WLU Wet location door for up orientation	WG Wire guard		DSST Sandstone, textured		L/LP Less lamp	
DFL Diffusing lens	**CSA** CSA certified	VG Vandal guard		**DNAT** Natural aluminum, textured			
EC Emergency circuit[11, 12]	NOM NOM certified[5]			**DWHG** White, textured			
IBS Internal backlight shield[13]	INTL International shipment for 175M			**DBLB** Black, textured			
PE Photoelectric cell-button type (n/a TB)[14]				CRT Non-stick protective coating[17]			
				Super Durable Finishes			
				DDBXD Dark bronze			
				DBLXD Black			
				DNAXD Natural aluminum			
				DWHXD White			
				DDBTXD Textured dark bronze			
				DBLBXD Textured black			
				DNATXD Textured natural aluminum			
				DWHGXD Textured white			

WST 150MHC FT   LTL11069P

ISOILLUMINANCE PLOT (Footcandle)

150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 52.9%

WST 150MHC MD   LTL11068P

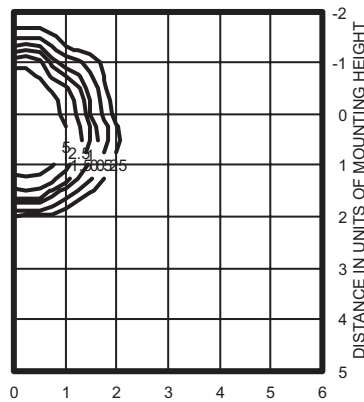ISOILLUMINANCE PLOT (Footcandle)

150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 12500 rated lumens.
Luminaire Efficiency: 60.2%

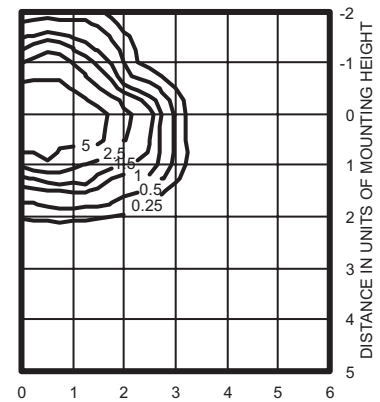## WST 150MHC WT   LTL11070P

ISOILLUMINANCE PLOT (Footcandle)

150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 62.5%

Lamp	Initial lumens	Mounting height			
		10'	12'	14'	16'
Metal Halide					
50W MH	3,900	0.43	0.30	0.22	0.17
70W MH	5,500	0.62	0.43	0.31	0.24
100W MH	8,500	0.95	0.66	0.48	0.37
150W MH	12,500	1.41	0.98	0.72	0.55
175W MH	12,800	1.44	1.0	0.73	0.56
High Pressure Sodium					
35W HPS	1,250	0.26	0.18	0.13	0.10
50W HPS	4000	0.45	0.31	0.23	0.17
70W HPS	6,400	0.72	0.50	0.37	0.28
100W HPS	9,500	1.07	0.74	0.54	0.41
150W HPS	16,000	1.80	1.25	0.91	0.70

Emergency Option Lamp Compatability

Lamp options # of lamps/wattage	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED
35S	■	■	■	■	■	■	■
50S	■	■	■	■	■	■	■
70S	■	■	■	■	■	■	■
100S	■	■	■	■	■		
150S	■	■	■	■	■		
50M	■	■	■	■	■	■	■
70M	■	■	■	■	■	■	■
100M	■	■	■	■	■	■	■
150M	■	■	■	■	■		
175M	■	■	■	■	■		

Notes

1. 120V.
2. These wattages do not comply with California Title 20 regulations.
3. Must specify CWI for use in Canada.
4. Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada; ships as 120V/347V).
5. Consult factory for available wattages.
6. Available with 150M or 150MHC only.
7. May be ordered as an accessory with prefix "WS". Must specify finish.
8. Not available with DC options.
9. Not available with ELED, SF, DF, EC or QRS.
10. Maximum wattage 100M, 70S. Must specify 120V or 277V. Not available with QRS, EC or DC.
11. Maximum allowable wattage lamp included.
12. Not available with ELED, QRS or DCs.
13. Not available with medium throw (MD, MDU, MDU5) distributions.
14. Must be ordered with fixture; cannot be field installed.
15. Not available with ELED, EC or DCs.
16. See www.lithonia.com/archcolors for additional color options.
17. Black finish only.
18. Must be specified. L/LP not available with MHC.

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OUTDOOR: One Lithonia Way Conyers, GA 30012   Phone: 770.922.9000   Fax: 770-918-1209   www.lithonia.com   ©2003–2012 Acuity Brands Lighting, Inc. All rights reserved. Rev. 12/11/12