

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR	CATALOG SERIES	SIZE	HOUSING		LENS/LOUVER/REFLECTOR	LAMPS		BALLAST/TRANSFORMER		UL / IP RATING	FINISH	COMMENTS	INPUT WATTS	VOLTAGE	
					MOUNTING	MAT'L.		QTY	DESCRIPTION	QTY	DESCRIPTION						
W	WALL MOUNT CUTOFF	LITHONIA LSI MCGRAW-EDISON	WST GBWS IST	9"x7"x16"	WALL SURFACE	ALUMINUM	FORWARD THROW, CLEAR FLAT TEMPERED GLASS LENS	1	MH 100W ED17 65 CRI	E26 MED	1	PULSE START MH CWA	WET LISTED	TBD FRDM STANDARD	PROVIDE LED SECONDARY SOURCE BATTERY PACK WITH TIME DELAY. BASIS OF DESIGN IS LITHONIA ELED SERIES.	130	UNV.

GENERAL NOTES

- A. DETAILS IN COMMENTS SECTION OF LUMINAIRE SCHEDULE SHALL APPLY IN ADDITION TO CATALOG SERIES.
- B. LAMP, BALLAST AND TRANSFORMER INFORMATION IN SPECIFICATION SHALL APPLY IN ADDITION TO INFORMATION IN LUMINAIRE SCHEDULE.
- C. VERIFY LUMINAIRE, LAMP AND VOLTAGE COMPATIBILITY. K LENS DIMENSION REFERS TO OVERALL THICKNESS. MAXIMUM PENETRATION OF PRISM TO BE .060".
- D. CLEAN WHITE COTTON GLOVES SHALL BE WORN WHEN HANDLING THE LUMINAIRES' EXPOSED REFLECTIVE SURFACES. THE CONTRACTOR SHALL CLEAN ALL SURFACES, INCLUDING DUST, FINGERPRINTS, PAINT, ETC. WITH A CLEAN DRY CHEESE CLOTH AFTER ALL WORK HAS BEEN COMPLETED.
- E. ALL LUMINAIRES ARE UL DAMP LISTED, UNLESS OTHERWISE NOTED.
- F. MOUNTING HEIGHTS INDICATED ARE TO THE BOTTOM OF THE LUMINAIRE, UNLESS OTHERWISE NOTED.

LUMINAIRE SCHEDULE

Symbol	Label	Lumens	LLF	Watts
W	W	8100	0.75	140

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site	+	0.5 fc	4.6 fc	0.0 fc	N/A	N/A
Property Line	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A

KEYED PHOTOMETRIC NOTES

1. MOUNT LUMINAIRE AT 15'-0" AFG. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.

GENERAL NOTES

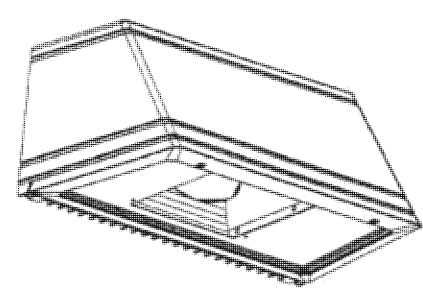
- A. THIS PHOTOMETRIC REPORT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA (IES FILES). THIS LABORATORY DATA IS TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
- B. THE ILLUMINATION LEVELS, MEASURED IN FOOTCANDLES, SHOWN ARE BASED ON THE SPECIFIED CRITERIA. ANY SUBSTITUTIONS/DEVIATIONS IN LUMINAIRES OR ALTERATIONS TO THE LAYOUT WILL AFFECT ILLUMINATION LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF KLH ENGINEERS, PSC.
- C. CALCULATION POINTS ARE BASED UPON A 10' ROW AND COLUMN SPACING AT GRADE UNLESS OTHERWISE INDICATED.
- D. FINAL ADJUSTMENTS TO AIMING ANGLE(S) OF LUMINAIRES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJACENT PROPERTIES OR ROADWAYS.
- E. FOOTCANDLE LEVELS SHOWN ARE CONSIDERED MAINTAINED. THE LIGHT LOSS FACTOR UTILIZED ON THIS DRAWING WAS 0.75 UNLESS OTHERWISE INDICATED.
- F. REFER TO THE LUMINAIRE SCHEDULE FOR ALL LUMINAIRE AND POLE INFORMATION.
- G. CONTRIBUTIONS FROM ADJACENT STREET LIGHTING, ADJACENT PROPERTIES AND BUILDING OR POLE MOUNTED LUMINAIRES, NOT WITHIN THIS PROJECT, ARE NOT REFLECTED IN THIS PHOTOMETRIC REPORT.
- H. THIS PHOTOMETRIC REPORT DOES NOT ACCOUNT FOR TOPOGRAPHY CHANGES UNLESS OTHERWISE INDICATED.
- I. PHOTOMETRIC REPORT IS BASED UPON LUMINAIRES MOUNTED AT 15'



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-ventrage autotransformer ballast. CSA, NOM or INTL required for probe start shipments outside of the US for 175W. Not available 175W 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 800W, 800V 4KV pulse rated.
 Finish: Standard finish is textured dark bronze (DDB7) 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. 20°C Ambient. ELED: U.S. Patent No. 7,737,840. NOTE: Specifications subject to change without notice.

Catalog Number	Type
	Decorative Wall-Mounted Lighting



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

Specifications

Length: 18.25 (41.2)
Depth: 8.13 (20.2)
Overall Height: 7.25 (18.4)
**Weight: 30 lbs (13.6 kg)

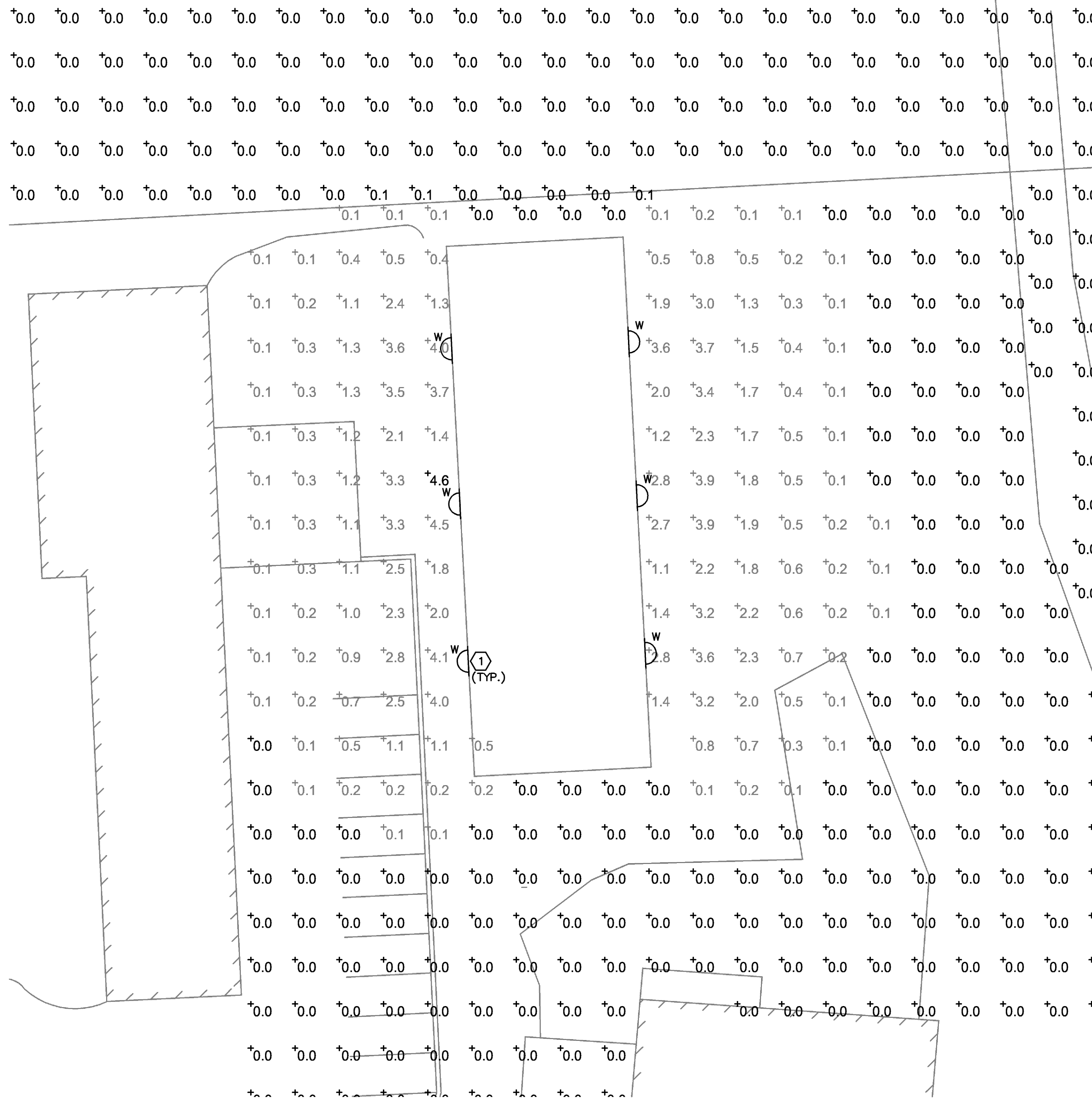
*Weight as configured in example below.
 All dimensions are in inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure product using standard options (shown in bold).
 Example: WST 100M FT TB LPI

Series	Voltage	Ballast	Mounting	Options	Lamp ¹
WST	120	(blank) Magnetic ballast	Surface mount	Shipped installed in fixture	LPI Lamp included
High pressure sodium	240 ²	CWI Constant voltage isolated	Shipped separately ³	DF Double fuse 20M, 240V ⁴	L/P Less lamp
55S ⁵	277	SCWA Super CWA pulse start ballast ⁶	80W Surface-mounted back box	DC12 Emergency circuit 12 volt (30W lamp included) ⁷	(blank) Dark bronze, textured
50S	720		UTS Up/tilt 5 degrees	DC2012 Emergency circuit 12 volt (20W lamp included) ⁸	DNAT Natural aluminum, textured
70S	1000MH			ELED Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature) ⁹	DWHG White, textured
100S	1500MH			ZELED Emergency LED secondary source (dry installed) battery pack with time delay (-4°F min. operating temperature) ¹⁰	DBLB Black, textured
150S				DPL Diffusing lens	CR Enhanced corrosion resistant coating ¹¹
Metal halide				EC Emergency circuit ¹²	CRT Non-stick protective coating ¹³
50M				IBS Internal backlight shield ¹⁴	
70M				PE Photoelectric wall-button type (w/ TB) ¹⁵	
100M				QRS Quartz restrike system ¹⁶	
150M				WLU Wet location door for up orientation	
175M ¹⁷				CSA CSA Certified	
WT Wide throw				NOM NOM Certified	
				INTL International shipment for 175M	
				WG Wire guard	
				VG Vandal guard	

- NOTES:**
- 1 120V
 - 2 These wattages do not comply with California Title 24 regulations.
 - 3 Must specify CWI for use in Canada.
 - 4 Optional multi-tap ballast (120, 208, 240, 277V); (100, 277, 240V in Canada only as 120/240V).
 - 5 Contact factory for available wattages.
 - 6 Available with 150M or 150MHIC only.
 - 7 Must be ordered as an accessory with prefix "WST". Must specify finish.
 - 8 Not available with DC options.
 - 9 Not available with ELED, 95, 95, EC or 95S.
 - 10 Maximum wattage 100M, 95M, not specify 120W or 277V. Not available with 95S, EC or DC.
 - 11 Maximum allowable wattage lamp included.
 - 12 Not available with ELED, 95S or DC.
 - 13 Not available with medium throw (MD, MDU, MDU), MDU distribution.
 - 14 Must be ordered with fixture; cannot be field installed.
 - 15 Not available with ELED, EC or DC.
 - 16 See www.lithonia.com/web-colors for additional color options.
 - 17 Black finish only.
 - 18 Must be specified. L/P not available with MHIC.



LIGHTING PHOTOMETRIC PLAN
 SCALE: 1" = 20'

Date	1-17-11
Drawn By	SCR
Checked By	JAM
Scale	1" = 20'

REVISIONS

LIGHTING PHOTOMETRIC PLAN
 AMERICAN SCAFFOLDING
 LIGHTING PHOTOMETRIC PLAN
 COLERAIN TOWNSHIP

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