

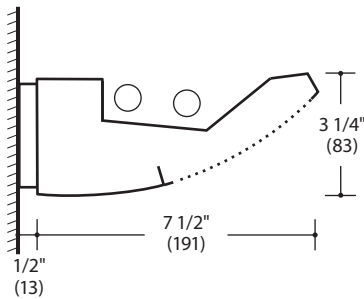
Type:  
Project:

## Wall Classica™ Classica™ 2' Sconce

W-AI-5500

Wall-Mounted Asymmetric Indirect

### Specifications



**HOUSING.** Sides are die-formed steel with .062" diameter staggered holes .125" OC, 74 holes per square inch, 23% open. White acrylic diffusing panels retained behind. Bottom of housing is .100" thick extruded aluminum.

**END CAPS.** Steel, 14-gauge, with no holes or knockouts, finished to match housing. Optional sculpted die-cast aluminum endcaps (**ECS**) are available.

**REFLECTOR.** Die-formed steel with slots, .250" wide x .500" OC, with high-reflectance white finish.

**BALLAST.** Electronic Ballast (**ELB**), high power factor, thermally protected Class P, Sound Rated A, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

**TANDEM WIRING.** When selected from Ordering guide below, fixtures wired to switch in-line lamps separately, providing two (two-lamp cross-section fixtures only) levels of light.

**PRE-WIRING.** Fixtures are supplied with #12 AWG type THHN wire for branch circuits. One end will have factory installed push-in quick-connects. The other end will be stripped back 1/2" for quick connection in field. For fixtures to accommodate special circuits such as night light and emergency, etc., in-field wiring will be required. See Pre-Wiring Information for details. Does not apply to the Classica 2' Sconce.

**INTERMEDIATE CONNECTOR.** A die-cast .075" thick aluminum intermediate connector is provided, in place, at the center of six- and eight-foot fixtures. The same connector is supplied to join individual fixtures in rows with no visible fasteners. The connector, 2" long, matches the curved shape of the housing, and is recessed from the housing by 5/8", finished to match housing.

**MOUNTING. Wall Classica:** Provided with wall-mounting brackets measuring 2 3/4" high x 7" wide x 1/2" deep. Two brackets are provided with three- and four-foot fixtures. Four brackets are provided with six- and eight-foot fixtures. Finish is Matte White (**CWM**). **Classica 2' Sconce:** provided with one wall-mounting bracket measuring 2 3/4" high x 22 1/2" wide x 1/2" deep. Finish is Matte White (**CWM**).

**CERTIFICATION.** Fixture and electrical components shall be UL and/or CUL Listed and shall bear the I.B.E.W., A.F. of L. label.

Note: Litecontrol reserves the right to change specifications without notice for product development and improvement.

### Ordering guide

Product, lamping, & length						Options					
W -	AI -	55	2	4	T8 -	CWM -	TW -	ELB -	2CWQ -	EF -	120
Mounting	Distribution	Series	Lamp Count	Nominal Length(ft)	Lamp Type	Finish	Tandem Wiring	Ballast	Pre-Wiring	Other Option	Volts
<b>Wall</b>											
W Wall -Mounted	AI Asymmetric Indirect	55	1, 2 → 1, 2 → 2, 4 → 2, 4 →	3 4 6 8	T8	CWM (Matte White) is standard  see LiteColors™ in Product Guide for other finishes	-- → TW →  see notes	ELB is standard  DA/ELB* HEL/ELB ECO/ELB  see Ballast options	1CWQ 2CWQ	EF F ECS  see Other options	120 277
<b>2' Sconce</b>											
W Wall -Mounted	AI Asymmetric Indirect	55	1, 2 → 1 →  see notes	2 → 2 →	T8 BX40 BX50						
<b>Cross-section lamping</b>											
1-T8			2-T8			1-BX40 or 50					

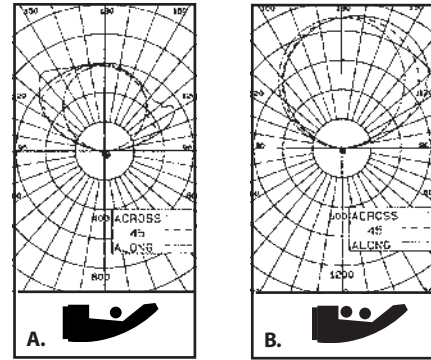
**notes:**  
Lamp Count = total number of lamps in the fixture  
Tandem Wiring not available for one-lamp cross-section fixtures  
\* DA/ELB Not available for 2' Sconce  
Fixtures are oversized. Row information is required.  
**For Ordering guide information in shaded areas, choose selection by reading ACROSS the shaded areas for correct specifications.**

**W-AI-5524T8-CWM-TW-ELB-2CWQ-EF-120** is a typical catalog number for a 2-lamp (2 lamps in cross-section), 4-foot long T8 fixture with Matte White finish, tandem-wired electronic ballast, pre-wired with two-circuit branch wiring and quick-connects, emergency fluorescent ballast, 120 volts.

#### Questions to Ask

1. 120 or 277 volt?
2. Row information, including desired fixture lengths?
3. White, LiteColor or special color?
4. Tandem wiring?
5. Other options?

## Photometric data



**A. W-AI-5514T8** 79.2% Efficiency  
Litecontrol Certified Test Report #21611022

**B. W-AI-5524T8** 73.7% Efficiency  
Litecontrol Certified Test Report #21621021

For complete photometric information,  
see website.

## Ballast options

Specify in place of **ELB**, contact factory for availability/compatibility with lampping:

**DA/ELB** Advance Mark VII Dimming Ballast.

**HEL/ELB** Osram Sylvania Dimming Ballast.

**ECO/ELB** Lutron ECO-10 Dimming Ballast.

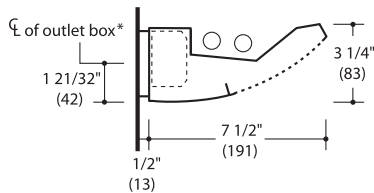
## Other options

**EF** Emergency Fluorescent Ballast. Battery-powered ballast from a UL Listed manufacturer will operate one T8 lamp for 1 1/2 hours.

**F** Fuse. Slow or fast blow, determined by Litecontrol.

**ECS** Sculptured End Caps. Die-cast aluminum. (Add 3" to total row length.)

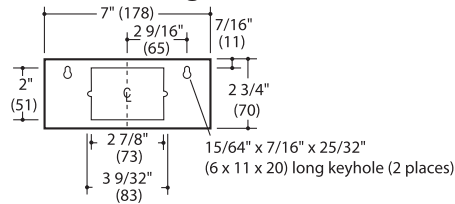
## Planning for installation



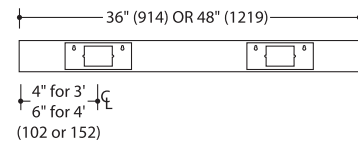
\* 2" x 4" outlet box  
mounted horizontally

## Wall Classica

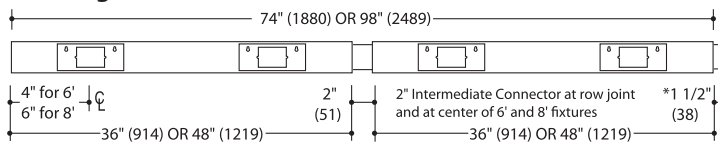
### Wall-mounting bracket



### Individual fixture

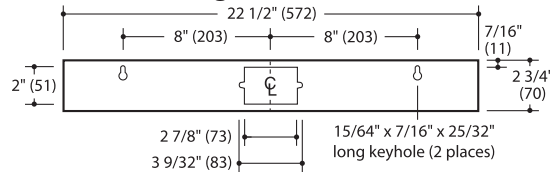


### Row diagram

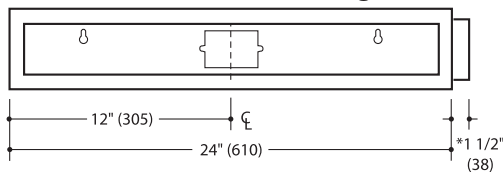


## Classica 2' Sconce

### Wall-mounting bracket



### Back view of bracket and housing



\* Sculpted end cap (**ECS**), if used, adds 1 1/2" to fixture at end.

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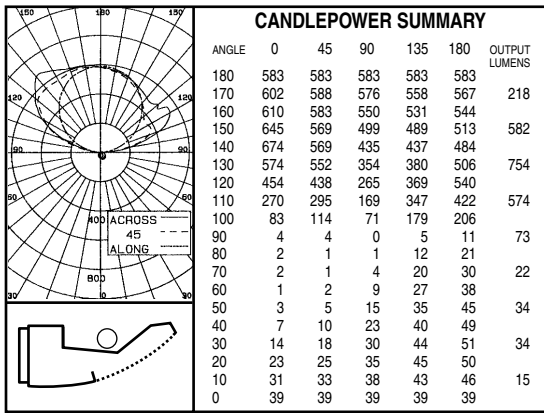
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**PHOTOMETRIC DATA**

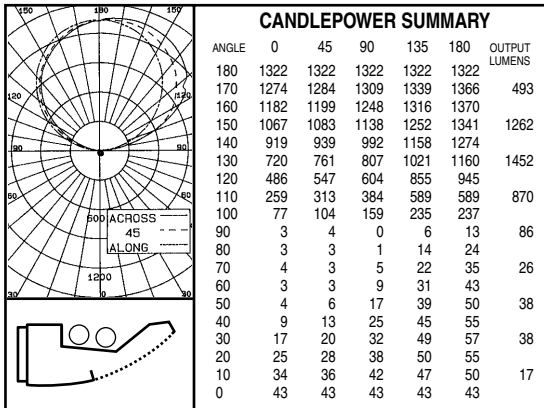


RCC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	.76	.76	.76	.76	.66	.66	.66	.66	.46	.46	.46	.28	.28	.28	.11	.11	.11	.04
	1	.69	.66	.63	.61	.60	.57	.55	.52	.40	.39	.37	.24	.24	.23	.10	.10	.10	.03
	2	.63	.58	.53	.49	.54	.50	.46	.43	.35	.33	.31	.21	.20	.19	.09	.08	.08	.03
	3	.58	.51	.45	.41	.49	.44	.40	.36	.31	.28	.26	.19	.18	.16	.08	.07	.07	.02
	4	.52	.45	.39	.35	.45	.39	.34	.30	.27	.24	.22	.17	.15	.14	.07	.06	.06	.02
	5	.48	.39	.34	.29	.41	.34	.29	.26	.24	.21	.19	.15	.13	.12	.06	.06	.05	.02
	6	.44	.35	.29	.25	.38	.30	.26	.22	.22	.18	.16	.13	.12	.10	.06	.05	.04	.01
	7	.40	.31	.26	.22	.35	.27	.22	.19	.19	.16	.14	.12	.10	.09	.05	.04	.04	.01
	8	.37	.28	.23	.19	.32	.25	.20	.16	.17	.14	.12	.11	.09	.08	.05	.04	.03	.01
	9	.34	.26	.20	.16	.30	.22	.18	.14	.16	.13	.10	.10	.08	.07	.04	.03	.03	.01
	10	.32	.23	.18	.14	.28	.20	.16	.13	.14	.11	.09	.09	.07	.06	.04	.03	.03	.01

Floor Cavity Reflectance .20

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	2190	75.53	95.37
90-0°	106	3.67	4.63
180-0°	2296	79.20	100.00

ANGLE	0°	45°	90°	135°	180°
45°	10	16	60	86	95
55°	4	7	46	77	91
65°	2	3	31	68	81
75°	6	3	26	55	72
85°	3	5	0	37	55



RCC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	.71	.71	.71	.71	.61	.61	.61	.61	.42	.42	.42	.25	.25	.25	.09	.09	.09	.02
	1	.64	.61	.59	.56	.55	.53	.51	.48	.37	.35	.34	.22	.21	.21	.08	.08	.08	.02
	2	.58	.53	.49	.46	.50	.46	.42	.40	.32	.30	.28	.19	.18	.17	.07	.07	.07	.01
	3	.53	.47	.42	.38	.46	.40	.36	.33	.28	.26	.24	.17	.16	.15	.06	.06	.06	.01
	4	.49	.41	.36	.32	.42	.36	.31	.28	.25	.22	.20	.15	.13	.12	.06	.05	.05	.01
	5	.44	.36	.31	.27	.38	.32	.27	.24	.22	.19	.17	.13	.12	.11	.05	.05	.04	.01
	6	.41	.33	.27	.23	.35	.28	.24	.20	.20	.17	.15	.12	.10	.09	.05	.04	.04	.01
	7	.37	.29	.24	.20	.32	.25	.21	.17	.18	.15	.13	.11	.09	.08	.04	.03	.03	.01
	8	.34	.26	.21	.17	.30	.23	.18	.15	.16	.13	.11	.10	.08	.07	.04	.03	.03	.01
	9	.32	.24	.18	.15	.27	.20	.16	.13	.14	.12	.10	.09	.07	.06	.03	.03	.02	.01
	10	.30	.21	.17	.13	.25	.19	.14	.12	.13	.10	.08	.08	.06	.05	.03	.02	.02	.00

Floor Cavity Reflectance .20

ZONE	LUMENS	% LAMP	% LUMINAIRE
180-90°	4151	71.58	97.15
90-0°	121	2.10	2.85
180-0°	4273	73.68	100.00

ANGLE	0°	45°	90°	135°	180°
45°	12	20	66	97	107
55°	6	10	50	89	101
65°	7	9	37	77	93
75°	11	10	26	62	84
85°	7	9	0	42	66

Additional photometric data, including 2' Sconce