



WSTM LED

LED Mini Wall Sconce



Catalog Number
Notes
Type

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Introduction

The Architectural WSTM Mini-Wall Sconce is now available with the latest in LED technology. The result is a long-life, maintenance-free product with typical energy savings of 87% over metal halide versions. The diffuse lens eliminates harsh glare while producing comfortable illumination.

The WSTM LED is ideal for replacing existing 50-100W metal halide or 26-42W compact fluorescent wall-mounted products and can be mounted in either lens up or lens down orientation. The expected service life is over 10 years of nighttime use.

Specifications

Luminaire

- Height:** 5-3/4"
(14.6 cm)
- Width:** 12-1/2"
(31.8 cm)
- Depth:** 7-1/2"
(19.1 cm)
- Weight:** 6 lbs.
(2.7 kg)



Ordering Information

EXAMPLE: WSTM LED 2A 40K 120 DDBTXD

WSTM LED	Series	LEDs	Color temperature	Voltage	Mounting	Control options	Other options	Finish <i>(required)</i>
WSTM LED	1A	One engine	30K 3000K	120	Shipped included (blank) Surface mount	Shipped installed PE Photoelectric cell, button type	Shipped installed (blank) Diffusing glass lens	DDBXD Dark bronze
	2A	Two engines	40K 4000K	277 ¹	Shipped separately ² UT5 Uptilt 5 degrees		Shipped separately ² CGL Clear glass lens WG Wire guard ³	DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Stock configurations are offered for shorter lead times:

Stock Part Number
WSTM LED 1A 40K 120 DDBTXD
WSTM LED 2A 40K 120 DDBTXD

Accessories

Ordered and shipped separately.

WSTMUT5 DDBXD U	5 degree uptilt accessory (specify finish)
WSTMWG U	Wire guard accessory

NOTES

- Includes step-down transformer; see page 2 for more information.
- Also available as a separate accessory; see Accessories information at left.
- Not for inverted mounting.



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

LEDs	Performance Package	System Watts ¹	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)				
			Nominal Lumens	B	U	G	LPW	Nominal Lumens	B	U	G	LPW
1A	1A--K	9	673	0	0	0	75	733	0	0	1	81
2A	2A--K	17	1,308	1	0	0	77	1,277	1	0	0	75

1 See electrical load chart for 277V system watts.

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **WSTM LED** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.86	0.74	0.54

Electrical Load

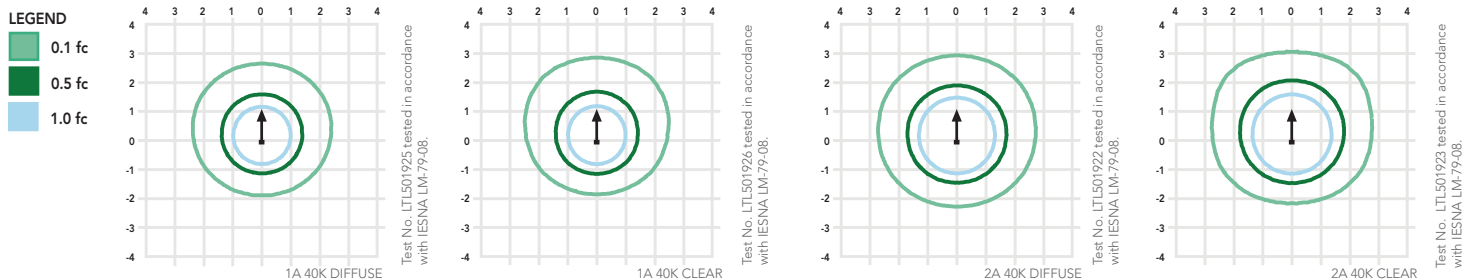
LEDs	System Watts	Current (A)	
		120	277
1A	9W	0.08	—
	13W ¹	—	0.06
2A	17W	0.15	—
	22W ¹	—	0.09

1 Higher wattage is due to electrical losses from step-down transformer.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [WSTM LED homepage](#).

Isofootcandle plots for the WSTM LED 40K. Distances are in units of mounting height (8').



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WSTM LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long-life LEDs make this luminaire nearly maintenance-free.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates a heat sink to optimize thermal transfer from the internal light engine and promote long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder-coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Light engines are 3000K (>80 CRI) or 4000K (>80 CRI). The WSTM LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) consist of 42 high-efficacy LEDs mounted to a circuit board and integral aluminum heat sink to maximize heat dissipation and promote long life (50,000 hrs at 25°C, L74).

INSTALLATION

Easily installed using provided mounting strap. Mount to any non-combustible vertical surface, over a 4" round or square recessed outlet box (by others). Back access through slotted gasket.

LISTINGS

CSA certified to U.S. standards. Luminaire is IP65 rated and suitable for wet locations when mounted with the lens down. Rated for -30°C minimum ambient.

WARRANTY

Five-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. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

