







WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1):

7"

Depth (D2):

1.5"

Height:


9"

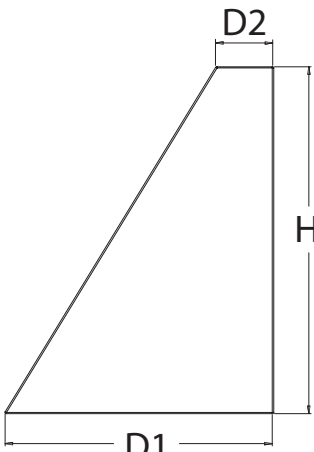
Width:


11.5"

Weight:

(without options) 13.5 lbs







Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 ¹	27K 2700K	70CRI ⁴	T1S Type I Short	MVOLT	Shipped included
	P1 ²	30K 3000K	80CRI	T2M Type II Medium	347 ³	SRM Surface mounting bracket
	P2 ²	40K 4000K	LW ⁵ Limited Wavelength	T3M Type III Medium	480 ³	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶
	P3 ²	50K 5000K		T4M Type IV Medium		
	P4 ²	AMB ³ Amber		TFTM Forward Throw Medium		

E10WH

Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)

E20WC

Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)

PE

Photocell, Button Type⁸

DMG

0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)⁹

BCE

Bottom conduit entry for back box (PBBW).

CCE

Coastal Construction⁷

Standalone Sensors/Controls

PIR

Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.

PIRH

Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching

PIR1FC3V

Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.

PIRH1FC3V

Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls

NLTAIR2 PIR

Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.

NLTAIR2 PIRH

Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.


NLTAIREM2 PIR

Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights

NLTAIREM2 PIRH

Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.

See page 4 for out of box functionality



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

WDGE2 LED

Rev. 07/08/24

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U

WDGE 3/8inch Architectural Wall Spacer (specify finish)

WDGE2PBBW DDBXD U

WDGE2 surface-mounted back box (specify finish)

NOTES

1

P0 option not available with sensors/controls.

2

P1-P4 not available with AMB and LW.

3

AMB and LW always go together.

4

70CRI only available with T3M and T4M.

5

347V and 480V not available with E10WH or E20WC.

6

Not qualified for DLC. Not available with emergency battery backup or sensors/controls.

7

For PBBW and AWS with CCE option, require an RFA.

8

PE not available in 480V or with sensors/controls.

9


DMG option not available with sensors/controls.

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. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

© 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.

WDGE2 LED

Rev. 07/08/24




1250 E 1st Ave, Camas, WA 98607

DESIGNED

DRAWN

CHECKED

DATE



CITY OF CAMAS

CAMAS PFAS EVALUATION & WELL 13 TREATMENT

LIGHT FIXTURE PRODUCT DATA 1

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.

203101

DRAWING NO.

SHEET NO.

OF XX

[illegible]

This image shows a technical drawing of a lighting fixture, specifically a WEDGE LED, with its mounting options and accessories. The drawing is presented as a sheet from a binder, with tabs labeled A through G visible along the left edge.

The main title of the section is "Mounting, Options & Accessories".

The drawing includes three main components:

- Motion/Ambient Sensor:** A black, rectangular sensor unit. Dimensions are listed as D = 7", H = 9" (Standalone controls), 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor), and W = 11.5".
- PBBW – Surface-Mounted Back Box:** A square back box used for surface mounting. Dimensions are listed as D = 1.75", H = 9", and W = 11.5".
- AWS – 3/8inch Architectural Wall Spacer:** A small, dark-colored spacer. Dimensions are listed as D = 0.38", H = 4.4", and W = 7.5".

The bottom section of the drawing details the "FEATURES & SPECIFICATIONS":

- INTENDED USE:** Common architectural look, with clean rectilinear shape, of the WEDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.
- CONSTRUCTION:** The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and 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 IP66 rating for the luminaire.
- FINISH:** Exterior painted 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 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:** Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WEDGE 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.
- INSTALLATION:** A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.
- LISTINGS:** CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.
- GOVERNMENT PROCUREMENT:** BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.
- WARRANTY:** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.
- 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.

The bottom right corner of the drawing area contains the following information:

- LITHONIA LIGHTING** COMMERCIAL OUTDOOR
- One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
- © 2019-2024 Acuity Brands Lighting, Inc. All rights reserved.
- WDGE2 LED Rev. 07/08/24

The bottom of the drawing features a series of logos and branding elements, including the City of Camas logo, the CAROLLO logo, and the MWA architects logo. Below these logos is a table with columns for REV, DATE, BY, DESCRIPTION, DESIGNED, DRAWN, CHECKED, and DATE. The table is currently blank, except for the first row which contains the number 1 in the REV column.

The bottom right corner of the drawing area contains the following information:

- CITY OF CAMAS
- CAMAS PFAS EVALUATION & WELL 13 TREATMENT
- LIGHT FIXTURE PRODUCT DATA 3
- VERIFY SCALES: BAR IS ONE INCH ON ORIGINAL DRAWING. Scale bar showing 0 to 1 inch.
- JOB NO. 203101
- DRAWING NO.
- SHEET NO. OF XX