

ODEN LED Specifications



Project Name:

Catalog Number:

Type:

With six interchangeable caps and spun shade styles, the Oden - LED offers architects, designers and engineers endless possibilities for a custom fixture to fit their unique application.

The Oden - LED Arrays high-quality, durable construction makes it an ideal fixture for any application.

Ordering Information

MODEL	OPTICS	LEDs	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	CAP/SHADE	OPTIONS
ODN-1-L	T1 T2 T3 T4 T5 T5W	16LC 32LC 48LC	3 350mA 5 530mA 7 700mA	3K 3000K 4K 4000K 5K 5000K	UNV *120-277V 8 347V 5 480V	YM Yoke Mount *Slips over 3"ØD tenon x 4" tall with special threaded mounting plate. AM Arm Mount Size 1 AML Arm Mount Large Size 2 & 3 See decorative arm section for arm & wall mount options.	BZ Bronze WB Weathered Brown BK Black SBK Smooth Black WH White SWH Smooth White GP Graphite GY Grey SL Silver Metallic FG Forest Green VD Verdigris CC Custom Color	C1 C2 C3 C4 C5 C6 H1 H2 H3 H4 H5 H6	PC-120 Button Type Photocell PC-208 Button Type Photocell PC-240 Button Type Photocell PC-277 Button Type Photocell WSC-8 Motion Sensor 8" Mounting Height WSC-20 Motion Sensor 9-20" Mounting Height WSC-40 Motion Sensor 21-40" Mounting Height This option will require (1) FSIR 100 remote for programming DIM 0-10v Dimming Driver VWC Visionaire Wireless Controls *Consult Factory IR-R Illuminated Rings Red IR-B Illuminated Rings Blue IR-G Illuminated Rings Green CLS Cutoff Louver Shield
ODN-2-L		48LC 64LC 80LC 96LC							
ODN-3-L		96LC 128LC							

Housing

- High-quality, one-piece spun aluminum shade and durable cast aluminum top cap; available in three housing sizes.
- All external hardware is stainless steel.
- One-piece spun aluminum removable door assembly..

Thermal Management

- The Oden - LED provides excellent overall thermal management by maximizing the efficiency of the heat sink in the fixture. This enables the Oden - LED to withstand higher ambient temperatures and higher drive currents without degrading LED life.

Optical System

- The highest lumen output LEDs are utilized. Estimated life of the LEDs is 100,000+ hours. Available with 6 IES distribution patterns. Available with up to 96 LED. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
- CRI values are 70

Quali-Guard® Finish

- Fixture components are chemically pretreated through a multiple-stage washer and finished with an electrostatically-applied, thermoset polyester powder coat textured paint with a 3 to 5 mils thickness. Finish is oven-baked at 400 °F for maximum adherence and finish hardness.
- Available in standard and custom colors.

Mounting

- The Oden - LED mounts to a wide selection of decorative and custom Visionaire mounting arms. Visionaire decorative mounting arm required. See Visionaire Mounting Arms section of catalog.

Electrical Assembly

- The Oden - LED is supplied with a high-performance LED driver, located in its cap, that accepts 120 V thru 277 V, and 480 V, 50 Hz to 60 Hz input. Power factor is 90%.
- Rated for -40 of operation.
- 10 kV surge protector supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit www.visionairelighting.com.

Options

- Button type photocell
- Watt Stopper FSP-211
- 0-10 V dimming driver
- Wireless Controls
- Illuminated Rings
- Cutoff louver system

Listings

- Oden is cUL listed, suitable for wet locations.
- IP65 Rated
- DLC Listed
- IDA Certification
- LM79
- LM80
- Powder Coated Tough™



DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. <http://www.designlights.org/>
3000K must be selected for IDA certification.

ODEN LED Specifications

Photometric Optical Summary

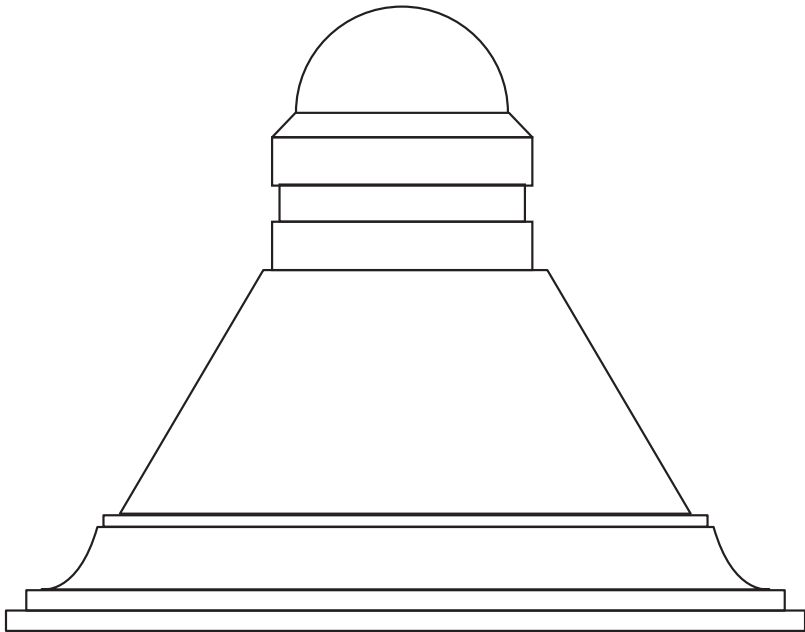
Not all optics are available on all fixtures. Check ordering chart for availability

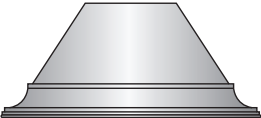
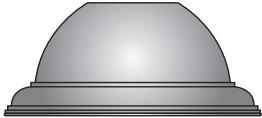
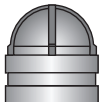
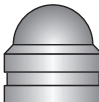
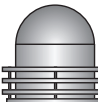
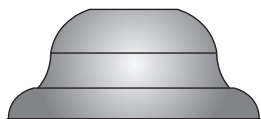
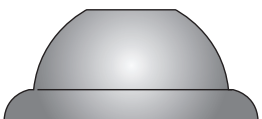
Type I (T1)	Type II (T2)	Type III (T3)	Type IV (T4)	Type V (T5)	Type VW (T5W)
					

EPA Data	Fixture	Fixture Only	Fixture with VA110-S1	2 Fixtures with VA110-D2	Fixture with VA107-S1	2 Fixtures with VA107-D2
	ODN-1	1.2	2.2	4.1	3.5	5.6
	ODN-2	2.6	3.6	6.6	4.9	8.3
	ODN-3	3.5	4.5	8.6	5.8	9.8

Dimensions

Size 1		Size 2		Size 3	
Width:	ODN-1 20"	Width:	ODN-2 25"	Width:	ODN-3 30"
Height:	ODN-1 17.5"	Height:	ODN-2 22.5"	Height:	ODN-3 24"
Weight:	40 LBS	Weight:	53 LBS	Weight:	74 LBS



CAP 1 (C1)	CAP 2 (C2)	CAP 3 (C3)	HOUSING 1 (H1)	HOUSING 2 (H2)	HOUSING 3 (H3)
					
CAP 4 (C4)	CAP 5 (C5)	CAP 6 (C6)	HOUSING 4 (H4)	HOUSING 5 (H5)	HOUSING 6 (H6)
					

4K Lumen Data																														Lumen Chart Updated 11.20.17									
	# LEDs	mA	Type 1	B	U	G	LPW	Type 2	B	U	G	LPW	Type 3	B	U	G	LPW	Type 4	B	U	G	LPW	Type 5	B	U	G	LPW	Type 5W	B	U	G	LPW	Watts						
ODN-1	16	350	2561	1	0	1	142	2399	1	0	1	133	2443	1	0	1	136	2288	1	0	1	127	2568	1	0	1	143	2486	2	0	1	138	18						
		530	3665	2	0	2	134	3433	1	0	1	126	3496	1	0	1	128	3275	1	0	1	120	3675	2	0	1	134	3558	2	0	1	130	27						
		700	4572	2	0	2	124	4283	1	0	2	116	4361	1	0	1	118	4085	1	0	1	110	4585	2	0	1	124	4438	2	0	1	120	37						
	32	350	4875	2	0	2	135	4566	1	0	2	127	4649	1	0	1	129	4355	1	0	1	121	4888	2	0	1	136	4732	3	0	1	131	36						
		530	7225	3	0	3	132	6767	2	0	2	124	6891	1	0	1	126	6455	1	0	2	118	7245	3	0	1	133	7013	3	0	1	128	55						
		700	9013	3	0	3	129	8442	2	0	2	121	8596	1	0	2	123	8053	2	0	2	115	9037	3	0	1	129	8748	3	0	2	125	70						
	48	350	7701	3	0	3	144	7213	2	0	2	135	7345	1	0	1	137	6880	1	0	2	129	7722	3	0	1	144	7474	3	0	1	140	54						
		530	11414	3	0	3	139	10690	2	0	3	130	10886	2	0	2	133	10198	2	0	2	124	11445	3	0	1	140	11078	3	0	2	135	82						
		700	14237	3	0	3	133	13335	3	0	3	125	13580	2	0	2	127	12721	2	0	2	119	14276	3	0	2	133	13819	4	0	2	129	107						
ODN-2	48	350	7701	3	0	3	144	7213	2	0	2	135	7345	1	0	1	137	6880	1	0	2	129	7722	3	0	1	144	7474	3	0	1	140	54						
		530	11414	3	0	3	139	10690	2	0	3	130	10886	2	0	2	133	10198	2	0	2	124	11445	3	0	1	140	11078	3	0	2	135	82						
		700	14237	3	0	3	133	13335	3	0	3	125	13580	2	0	2	127	12721	2	0	2	119	14276	3	0	2	133	13819	4	0	2	129	107						
	64	350	10058	3	0	3	140	9421	2	0	3	131	9593	2	0	2	133	8986	2	0	2	125	10085	3	0	1	140	9763	3	0	2	136	72						
		530	14224	3	0	3	135	13323	3	0	3	127	13567	2	0	2	129	12709	2	0	2	121	14263	3	0	2	136	13807	4	0	2	131	105						
		700	17919	4	0	4	128	16784	3	0	3	120	17091	2	0	2	122	16011	3	0	3	114	17969	4	0	2	128	17393	4	0	2	124	140						
	80	350	12294	3	0	3	138	11515	3	0	3	129	11726	2	0	2	132	10984	2	0	2	123	12328	3	0	2	139	11933	4	0	2	134	89						
		530	17187	3	0	3	132	16098	3	0	3	124	16393	2	0	2	126	15356	3	0	3	118	17234	4	0	2	133	16683	4	0	2	128	130						
		700	21635	4	0	4	122	20265	3	0	4	114	20636	3	0	3	117	19331	3	0	3	109	21695	4	0	2	123	21000	4	0	2	119	177						
	96	350	14832	3	0	3	136	13892	3	0	3	127	14146	2	0	2	130	13252	2	0	2	122	14872	3	0	2	136	14396	4	0	2	132	109						
		530	21334	4	0	4	133	19982	3	0	3	125	20348	3	0	3	127	19061	3	0	3	119	21392	4	0	2	134	20707	4	0	2	129	160						
		700	26644	4	0	4	127	24956	3	0	4	119	25412	3	0	3	121	23805	3	0	3	113	26717	4	0	2	127	25861	5	0	3	123	210						
ODN-3	96	350	14832	3	0	3	136	13892	3	0	3	127	14146	2	0	2	130	13252	2	0	2	122	14872	3	0	2	136	14396	4	0	2	132	109						
		530	21334	4	0	4	133	19982	3	0	3	125	20348	3	0	3	127	19061	3	0	3	119	21392	4	0	2	134	20707	4	0	2	129	160						
		700	26644	4	0	4	127	24956	3	0	4	119	25412	3	0	3	121	23805	3	0	3	113	26717	4	0	2	127	25861	5	0	3	123	210						
	128	350	18258	4	0	4	127	17101	3	0	3	119	17415	2	0	2	121	16313	3	0	3	113	18308	4	0	2	127	17722	4	0	2	123	144						
		530	25821	4	0	4	123	24186	3	0	4	115	24628	3	0	3	117	23071	3	0	3	110	25892	4	0	2	123	25063	5	0	3	119	210						
		700	32530	5	0	4	119	30469	4	0	5	111	31026	3	0	4	113	29064	3	0	4	106	32619	5	0	3	119	31574	5	0	3	115	274						
Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here. *Multiply 4K values by 0.96 5K / 0.95 3K																																							

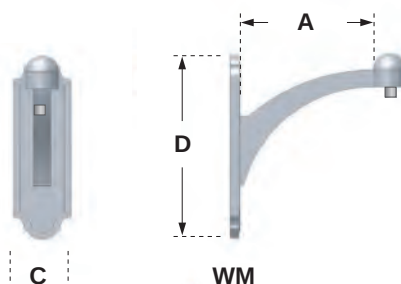
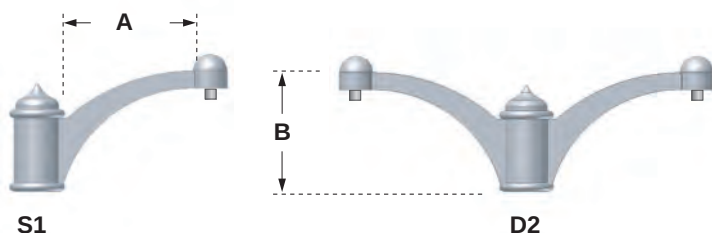
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VA110

Project Name:

Catalog Number:

Type



*Shown with decorative cast aluminum wall plate

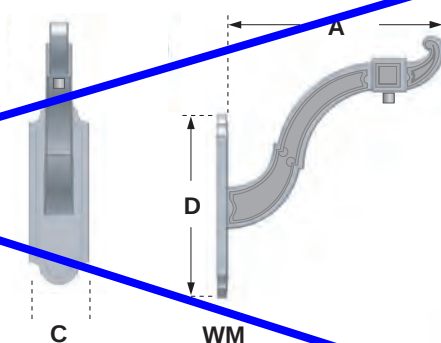
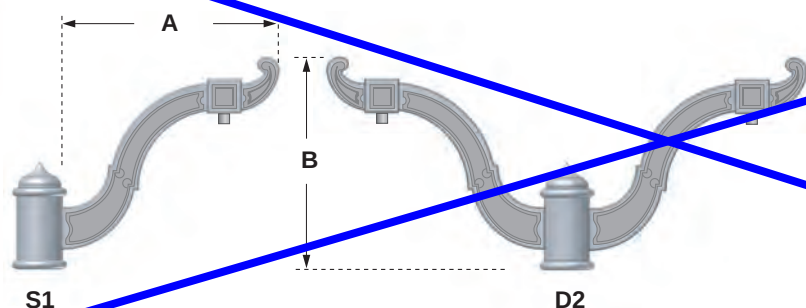
VA110 is available for both post top and suspended luminaires.

VA110 is constructed from corrosion resistant, durable cast aluminum. This arm is designed to slip over the following tenon (or pole) sizes: 4" Ø, 4½" Ø and 5" Ø. **VA110** is available in the following pole mounting configurations: Single and Double 180°. Please consult factory for custom mounting.

Fixture	A	B	C	D	EPA S1	EPA D2	EPA WM
VA110-L	20¾"	13½"	7"	22"	1	1.6	.8
VA110-S	15¾"	13½"	7"	22"	.9	1.4	.7
VA110 S1		VA110 D2					

Model	Mounting	Pole or Tenon Size	Finish
VA110-L VA110-S	Single (S1) Double (D2) Wall Mount (WM)	3½" dia. (3½) 4" dia. (4) 4½" dia. (4½) 5" dia. (5)	Bronze (BZ) Black (BK) White (WH) Sandstone (SN) Weathered Brown (WB) Silver Metallic (SL) Verdigris (VG) Forest Green (FG) Custom Color (CC)

VA111



*Shown with decorative cast aluminum wall plate

VA111 is available for both post top and suspended luminaires.

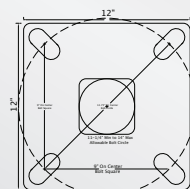
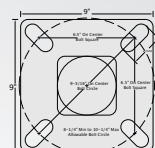
VA111 is constructed from corrosion-resistant, durable cast aluminum. This arm is designed to slip over the following tenon (or pole) sizes: 4" Ø, 4½" Ø and 5" Ø. **VA111** is available in the following pole mounting configurations: Single and Double 180°. Please consult factory for custom mounting.

Fixture	A	B	C	D	EPA S1	EPA D2	EPA WM
VA111	25½"	21½"	7"	22"	1	1.6	.8
VA111 S1		VA111 D2					

Model	Mounting	Pole or Tenon Size	Finish
VA111	Single (S1) Double (D2) Wall Mount (WM)	3½" dia. (3½) 4" dia. (4) 4½" dia. (4½) 5" dia. (5)	Bronze (BZ) Black (BK) White (WH) Sandstone (SN) Weathered Brown (WB) Silver Metallic (SL) Verdigris (VG) Forest Green (FG) Custom Color (CC)



Hand Hole



Specifications

Round Non Tapered Steel Pole

Pole Shaft

- ASTM A500 Grade B tubing with minimum yield strength of 46,000 PSI. Shaft is furnished with ground lug inside pole, opposite hand hole opening. Center line of hand hole is 12" from base plate.

Base Plate

- Steel Plate base is ASTM-A36 hot rolled steel, meets or exceeds minimum yield strength of 36,000 PSI.
- Base templates provided with order. Do not pre-pour.

Base Cover

- Die-formed from heavy gauge quality aluminum. Two piece cover for easy installation.
- Consult factory for DCB bolt circle info.

Pole Cap

- Color-impregnated polymer snap-to-close pole cap provided in black.

Finish

- All poles are shot-blasted and cleaned to a near-white finish prior to painting. A Quali-Guard® textured thermoset polyester powder coat is then applied to a minimum of 3 millimeters and then oven-baked at a temperature of 400 °F to promote exceptional adherence and finish hardness. Pole finish is warranted for a full two (2) years. An optional five (5) year extended warranty is also available (prime coat and rust inhibiting internal coating).

Anchor Bolts

- Poles are provided with hot-dip galvanized anchor bolts, with a "J" bend on one end and two flat hex bolts end and two flat washers per bolt. Anchor bolts meet or exceed a minimum of 36,000 PSI. Anchor bolts conform to ASTM F1554 grade 36 and are provided.

Model	Shaft Size	Gauge	Height	Base	Anchorage	Mounting	Finish	Options	
RNTS	4" Ø (4R)	11 (11)	10'	9" Base *9-3/16" BC (9BC)	¾" × 30" (343)	<u>Bolt-On Arm</u>	Bronze (BZ)	GFI Receptacle *Standard location is in hand hole (GFI)	
		7 (7)	12'			Single (S1) 	Black (BK)		Custom Bolt Circle *Consult factory (CBC)
			14'			D180 (D2) 	White (WH)		
			16'			D90 (D9) 	Tennis Green (GN)		
			18'			T90 (T9) 	Forest Green (FG)		
	20'	T120 (T1) 	Grey (GY)						
	5" Ø (5R)	11 (11)	20'	12" Base *12¾" BC (12BC)	1" × 36" (136)	Quad (QD) 	Silver Metallic (SL)	<u>Direct Burial Coupling</u> *Specify Size and Location as CUP_S-xx_L-yy, "xx" = ½" or ¾" "yy" = feet from bottom of pole (CUP_S-__L-__)	
		7 (7)	22'				Custom Color (CC)		Galvanized *No paint (GAL)
			25'						
			28'						
			30'						
	6" Ø (6R)	7 (7)	28'	12" Base *12¾" BC (12BC)	1" × 36" (136)	<u>Tenon Options</u>	2¾" (T238R)	3" (T3R)	
			30'						
			35'	Custom Base *Consult factory (CB)	3½" (T3.5R)	4" (T4R)			
					Direct Burial *Specify below-grade length in the form of DB-xx, where "xx" = feet. (DB-__)			4½" (T4.5R)	
NOTE: CUP and/or HHC Options required.									

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.

Pole EPA for Round Non-Tapered Steel Poles

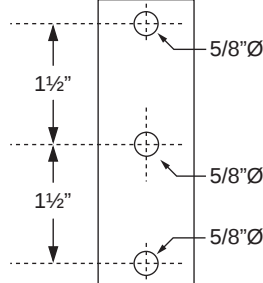
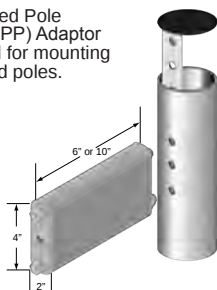
Pole Height	Maximum Allowable EPA (ft²) with 1.3 gust factor							O.D.	Pole Gauge	Base Plate	Bolt Circle	Anchor Bolts
	80 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph					
10'	17.5	13.4	10.7	8.6	7.0	5.9	4.7	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
12'	14.0	10.7	8.3	6.7	5.3	4.5	3.4	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
14'	11.5	8.7	6.7	5.2	4.0	3.4	2.4	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
16'	9.0	6.6	5.0	3.7	2.8	2.4	1.5	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
18'	7.3	5.2	3.8	2.7	1.8	1.5	-	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
20'	6.1	4.2	2.9	1.9	1.2	1.0	-	4"	11	9"sq x ¾"	9- 3/16"	¾" x 30"
20'	9.9	7.2	5.3	3.9	2.8	2.4	1.6	4"	7	9"sq x ¾"	9- 3/16"	¾" x 30"
20'	10.6	7.5	5.5	3.9	2.7	2.3	1.1	5"	11	12"sq x 1"	12-3/4"	1" x 36"
20'	16.8	13.2	9.5	7.2	5.5	4.6	3.1	5"	7	12"sq x 1"	12-3/4"	1" x 36"
22'	4.6	3.0	1.8	1.0	-	-	-	4"	11	12"sq x 1"	12-3/4"	1" x 36"
22'	7.9	5.6	4.0	2.7	1.8	1.5	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
22'	8.2	5.7	3.9	2.5	1.5	1.3	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
22'	13.6	9.9	7.4	5.4	3.9	3.3	1.8	5"	7	12"sq x 1"	12-3/4"	1" x 36"
25'	3.2	1.8	-	-	-	-	-	4"	11	12"sq x 1"	12-3/4"	1" x 36"
25'	6.2	4.1	2.7	1.7	-	-	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
25'	6.3	4.0	2.5	1.2	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
25'	11.0	7.7	5.5	3.7	2.5	2.1	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	4.4	2.4	1.1	-	-	-	-	4"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	4.3	2.3	1.0	-	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
28'	8.4	5.6	3.6	2.2	1.0	0.9	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
28'	7.6	4.7	2.7	1.2	-	-	-	6"	11	12"sq x 1"	12-3/4"	1" x 36"
28'	13.7	9.6	6.6	4.5	2.8	2.4	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"
30'	3.3	1.5	-	-	-	-	-	5"	11	12"sq x 1"	12-3/4"	1" x 36"
30'	7.2	4.6	2.8	1.3	-	-	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
30'	6.3	3.7	1.7	-	-	-	-	6"	11	12"sq x 1"	12-3/4"	1" x 36"
30'	12.0	8.2	5.5	3.3	1.8	1.5	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"
35'	4.2	2.1	-	-	-	-	-	5"	7	12"sq x 1"	12-3/4"	1" x 36"
35'	7.8	4.7	2.4	-	-	-	-	6"	7	12"sq x 1"	12-3/4"	1" x 36"

For Direct Burial EPA, consult factory

• **CAUTION:** If any additional stress such as flags, banners, streamers, ropes, or any other such items are added to poles, Visionaire Lighting's normal product guarantee is null and void. Additionally, adding such items to any pole may create severely hazardous conditions. Poles are calculated to withstand steady wind velocities of between 70 and 100 mph wind zones with a 1.3 gust factor depending on height, wall thickness, and width/ diameter. For an exact rating on a specific order, contact Visionaire directly.

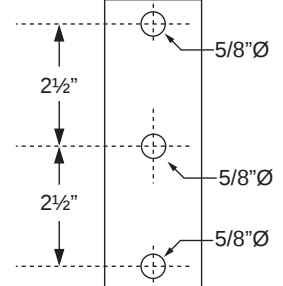
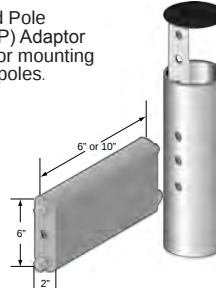
2 x 4 BOA Drill Pattern

*Radiused Pole Plate (RPP) Adaptor required for mounting for round poles.



2 x 6 BOA Drill Pattern

*Radiused Pole Plate (RPP) Adaptor required for mounting for round poles.





WST LED

Architectural Wall Sconce



Catalog
Number

Notes

Type

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

Specifications

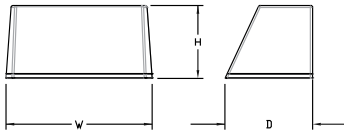
Luminaire

Height: 8-1/2"
(21.59 cm)

Width: 17"
(43.18 cm)

Depth: 10-3/16"
(25.9 cm)

Weight: 20 lbs
(9.1 kg)

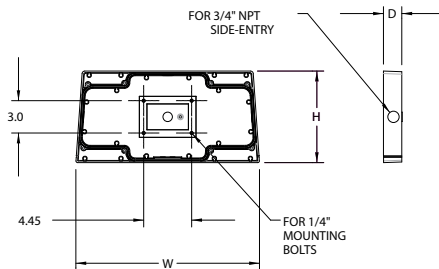


Optional Back Box (PBBW)

Height: 8.49"
(21.56 cm)

Width: 17.01"
(43.21 cm)

Depth: 1.70"
(4.32 cm)

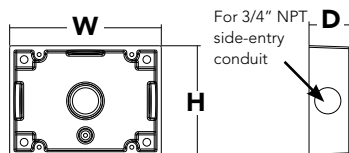


Optional Back Box (BBW)

Height: 4"
(10.2 cm)

Width: 5-1/2"
(14.0 cm)

Depth: 1-1/2"
(3.8 cm)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

See ordering tree for details.

A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)



Ordering Information

EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD

WST LED						
Series	Performance Package	Color temperature	Distribution	Voltage		Mounting
WST LED	P1 1,500 Lumen package	27K 2700 K	VF Visual comfort forward throw	MVOLT ¹	277 ²	Shipped included (blank) Surface mounting bracket Shipped separately BBW Surface-mounted back box ³ PBBW Premium surface-mounted back box ^{3,4}
	P2 3,000 Lumen package	30K 3000 K	VW Visual comfort wide	120 ²	347 ²	
	P3 6,000 Lumen package	40K 4000 K		208 ²	480 ²	
		50K 5000 K		240 ²		

Options				Finish (required)			
PE	Photoelectric cell, button type ⁵			E7WC	Emergency battery backup, Non CEC compliant (cold, 7W) ^{10,11}	DDBXD	Dark bronze
PER	NEMA twist-lock receptacle only (controls ordered separate) ⁶			E7WHR	Remote emergency battery backup, Non CEC compliant (remote 7W) ^{10,12}	DBLXD	Black
PER5	Five-wire receptacle only (controls ordered separate) ⁶			E20WH	Emergency battery pack 18W constant power, CEC compliant ¹⁰	DNAXD	Natural aluminum
PER7	Seven-wire receptacle only (controls ordered separate) ⁶			E20WC	Emergency battery pack -20°C 18W constant power, CEC compliant ^{10,11}	DWHXD	White
PIR	Motion/Ambient Light Sensor, 8-15' mounting height ^{7,8}			E23WHR	Remote emergency battery backup, Non CEC compliant (remote 20W) ^{10,11,13}	DSSXD	Sandstone
PIR1FC3V	Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{7,8}			LCE	Left side conduit entry ¹⁴	DDBTXD	Textured dark bronze
PIRH	180° motion/ambient light sensor, 15-30' mounting height ^{7,8}			RCE	Right side conduit entry ¹⁴	DBLBXD	Textured black
PIRH1FC3V	Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{7,8}			Shipped separately			
SF	Single fuse (120, 277, 347V) ²			RBPW	Retrofit back plate ³	DNATXD	Textured natural aluminum
DF	Double fuse (208, 240, 480V) ²			VG	Vandal guard ¹⁵	DWHGXD	Textured white
DS	Dual switching ⁹			WG	Wire guard ¹⁵	DSSTD	Textured sandstone
E7WH	Emergency battery backup, Non CEC compliant (7W) ¹⁰						

Accessories

Ordered and shipped separately.

WSTVCPBBW DDBXD U	Premium Surface - mounted back box
WSBBW DDBTX U	Surface - mounted back box
RBPW DDBXD U	Retrofit back plate

NOTES

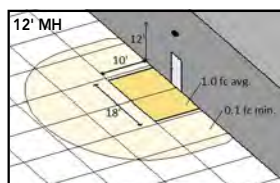
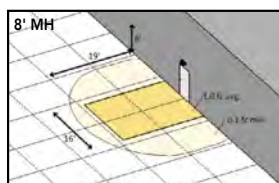
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Also available as a separate accessory; see accessories information.
- Top conduit entry standard.
- Need to specify 120, 208, 240 or 277 voltage.
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- Not available with VG or WG. See PER Table.

- Reference Motion Sensor table.
- Not available with Emergency options, PE or PER options.
- Not available with 347/480V.
- Battery pack rated for -20° to 40°C.
- Comes with PBBW.
- Warranty period is 3-years.
- Not available with BBW.
- Must order with fixture; not an accessory.

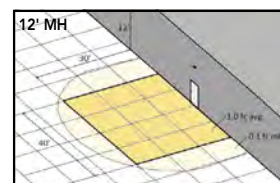
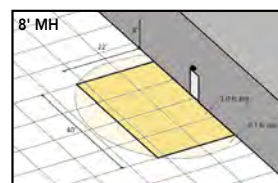
Emergency Battery Operation

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of [NFPA 70/NEC 2008 - 700.16](#). The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions. The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

10' x 10' Gridlines
8' and 12' Mounting Height



WST LED P1 27K VF MVOLT E7WH



WST LED P2 40K VF MVOLT E20WH