

ODEN ARRAY SCONCE LED Array Specifications



Project Name:

Catalog Number:

Type:

The **Oden Array Sconce** offers architectural styling for wall mounted applications, while complimenting the Oden series of lighting products. The unique design comes in 2 sizes and captures the rustic look and feel of the Southwest.

Each LED is covered with an injection-molded acrylic lens that provides unique Type 1, 2, 3 and 4 distribution patterns.

Available in 3000, 4000 or 5000 Kelvin temperature.

Ordering Information

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
OWS-1	T1 Type 1	2L	3K 3000K	UNV 120-277V	WM Wall Mount	BZ Bronze	PC-120 Button Type Photocell
	T2 Type 2	4L	4K 4000K			BK Black	PC-208 Button Type Photocell
	T3 Type 3	6L	5K 5000K			SBK Smooth Black	PC-240 Button Type Photocell
OWS-2	T4 Type 4	6L	5K 5000K	UNV 120-277V	WM Wall Mount	WH White	PC-277 Button Type Photocell
	T1 Type 1	8L				GP Graphite	WSC-8 Motion Sensor 8' Mounting Height
	T2 Type 2	11L				GY Grey	WSC-20 Motion Sensor 9-20' Mounting Height
	T3 Type 3	13L				SL Silver Metallic	DIM 0-10v Dimming Driver
						CC Custom Color	

Features & Specifications

ODEN ARRAY SCONCE

Housing

The Oden Array Sconce consists of a durable, cast aluminum housing and lens door frame with tool-less latch.

Driver Compartment

The driver housing is constructed of formed aluminum allowing for cooler operation and longer driver life. One-piece gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management

The Oden Array Sconce Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the Oden Array Sconce Series to withstand higher ambient temperatures and drive currents without degrading LED life.

The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The Oden - Array Sconce Series LEDs have been determined to last a minimum of 100,000 hours in 25°C.

Optical System

The highest lumen output, LEDs are utilized in the Oden - Array Sconce Series. IES distribution Types 1, 2, 3 and 4 are available. LED light engines come in multiples of 16 LED Arrays.

CRI values are 70.

New LED Array Technology

4 Diodes now replace a single Led chip and operate at 25% of the drive current allowing for higher efficiency, less heat and longer life. (10 Year Warranty)

More LEDs at a lower drive current provides a more comfortable visual effect.

Quali-Guard® Finish

The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness.

All finishes are available in standard and custom colors.

Finish is guaranteed for five (5) years.

Electrical Assembly

The Oden Array Sconce Series is supplied with a choice of 350, 530, 700, 1050 or 1200mA high-performance LED drivers, that accept 120v, 50 Hz to 60 Hz, input.

- Power factor of 90%.
- Rated for -40 °C to +40 °C operations.
- 10 kV surge protector supplied as standard.

Warranty

Ten (10) year Limited Warranty on electrical components

Five (5) year on finish. For full warranty information, please visit visionairelighting.com.

Options

- Button Type Photocell
- Motion Sensor

Listings

- Oden - Sconce Array Series is UL listed, suitable for wet locations
- Powder Coated Tough™
- IP65 Rated
- IDA Certification
- PangeaLink



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 ARRAY SCONCE - Electrical Load (A)							
Ordering Nomenclature	System Watts	120	208	240	277	347	480
OWS-1-T3-2L-4K	17	0.14	0.08	0.07	0.06	0.05	0.04
OWS-1-T3-4L-4K	34	0.28	0.16	0.14	0.12	0.10	0.07
OWS-1-T3-6L-4K	52	0.43	0.25	0.22	0.19	0.15	0.11
OWS-2-T3-6L-4K	50	0.42	0.24	0.21	0.18	0.14	0.10
OWS-2-T3-8L-4K	65	0.54	0.31	0.27	0.23	0.19	0.14
OWS-2-T3-11L-4K	99	0.83	0.48	0.41	0.36	0.29	0.21
OWS-2-T3-13L-4K	111	0.93	0.53	0.46	0.40	0.32	0.23

Motion Sensor Default Setting									
Type	High Mode	Low Mode	Time Delay	Cut off Delay	Sensitivity	Hold Off Setpoint	Photocell On/Off	Ramp Up Time	Fade Down Time
WSC - Default	10V	1V	5 Min	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Min	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec

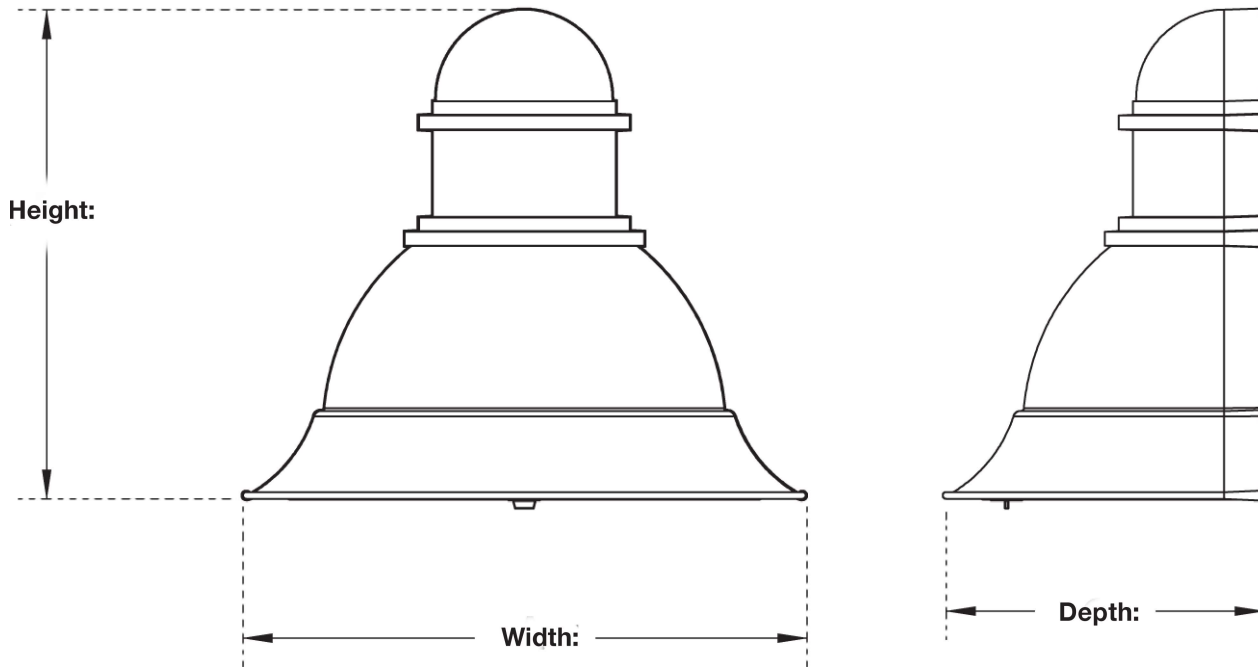
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Photometric Optical Summary



Dimensions

Width:	OWS-1 14.75"	OWS-2 20"
Height:	OWS-1 13"	OWS-2 17.75"
Depth:	OWS-1 8.75"	OWS-2 11.5"
Weight:	19 LBS	27 LBS



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ODEN ARRAY SCONCE - 3K LUMEN DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	2095	2046	2065	2046	17
	4L	700	4028	3934	3970	3934	34
	6L	1050	5774	5639	5692	5639	52
OWS-2	6L	530	5892	5754	5808	5754	50
	8L	700	7641	7462	7532	7462	65
	11L	1050	10999	10742	10842	10742	99
	13L	1200	12131	11848	11958	11848	111

ODEN ARRAY SCONCE - 4K LUMEN DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	2319	2265	2286	2265	17
	4L	700	4459	4355	4395	4355	34
	6L	1050	6392	6243	6301	6243	52
OWS-2	6L	530	6522	6370	6429	6370	50
	8L	700	8459	8261	8338	8261	65
	11L	1050	12176	11892	12002	11892	99
	13L	1200	13430	13116	13238	13116	111

ODEN ARRAY SCONCE - 5K LUMEN DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	2319	2265	2286	2265	17
	4L	700	4459	4355	4395	4355	34
	6L	1050	6392	6243	6301	6243	52
OWS-2	6L	530	6522	6370	6429	6370	50
	8L	700	8459	8261	8338	8261	65
	11L	1050	12176	11892	12002	11892	99
	13L	1200	13430	13116	13238	13116	111

ODEN ARRAY SCONCE - 3K LPW DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	122	119	120	119	17
	4L	700	117	115	116	115	34
	6L	1050	112	110	111	110	52
OWS-2	6L	530	119	116	117	116	50
	8L	700	118	115	116	115	65
	11L	1050	111	109	110	109	99
	13L	1200	109	107	108	107	111

ODEN ARRAY SCONCE - 4K LPW DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	135	132	133	132	17
	4L	700	130	127	128	127	34
	6L	1050	124	121	122	121	52
OWS-2	6L	530	132	129	130	129	50
	8L	700	131	127	129	127	65
	11L	1050	123	120	121	120	99
	13L	1200	121	118	119	118	111

ODEN ARRAY SCONCE - 5K LPW DATA							
Model	LUMENS	Current	T1	T2	T3	T4	Watts
OWS-1	2L	350	135	132	133	132	17
	4L	700	130	127	128	127	34
	6L	1050	124	121	122	121	52
OWS-2	6L	530	132	129	130	129	50
	8L	700	131	127	129	127	65
	11L	1050	123	120	121	120	99
	13L	1200	121	118	119	118	111