

Oden Turtle Safe 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 Array's** 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	OPTIONS
ODN-1-L	T1 Type 1	16LC	3 350mA	TS 590 nm	UNV 120-277V	YM Yoke Mount *Slips over 3"ØD	BZ Bronze	C1	PC-120 PC-208 PC-240 PC-277	DIM 0-10v Dimming Driver
	T2 Type 2	32LC	5 530mA		8 347V	tenon × 4" tall with special threaded mounting plate.	WB Weathered Brown	C2	Photocell & Receptacle	VWC Visionaire Wireless Controls *Consult Factory
	T3 Type 3	48LC		5 480V	BK Black		C3			
ODN-2-L	T4 Type 4	48LC			SBK Smooth Black		C4	WSC-8 Motion Sensor 8' Mounting Height		
	T5 Type 5	80LC			UAM Arm Mount *Decorative arm not included	WH White	C5	WSC-20 Motion Sensor 9-20' Mounting Height		
	T5W Type 5 Wide	96LC			See decorative arm section for arm mount options	SWH Smooth White	C6			
ODN-3-L	T5WR Type 5 Wide Round	96LC				GP Graphite	H1		WSC-40 Motion Sensor 21-40' Mounting Height *The WSC option will require (1) FSIR 100 remote for programming	
		128LC			GY Grey	H2				
					SL Silver Metallic	H3				
					FG Forest Green	H4				
					VD Verdigris	H5				
					CC Custom Color	H6				

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.

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 Array mounts to a wide selection of decorative and custom Visionaire mounting arms. Visionaire decorative mounting arm required. See Visionaire Mounting Arms section of the catalog.
- Oden 1 requires small decorative arm
- Oden 2 & Oden 3 requires large decorative arm

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

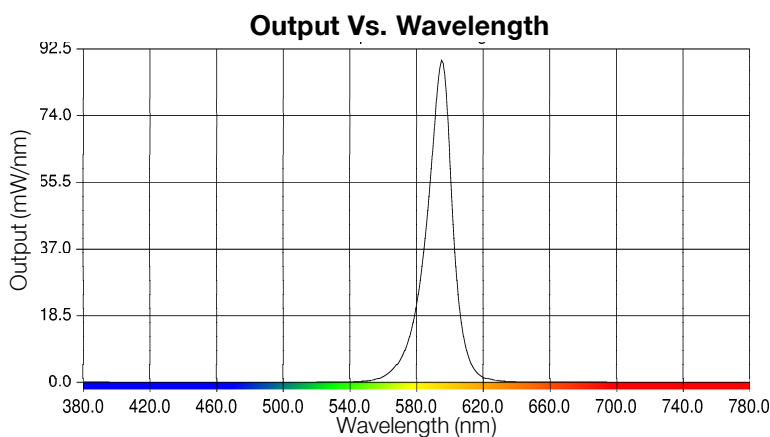
- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit www.visionairelighting.com.

Options

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

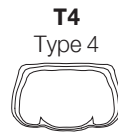
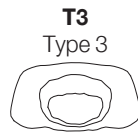
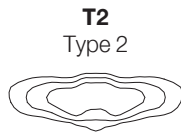
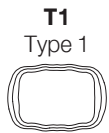
Listings

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



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Photometric Optical Summary



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

Width: ODN-1 20"

Height: ODN-1 19.5"

Weight: 40 LBS

Size 2

Width: ODN-2 25"

Height: ODN-2 22.5"

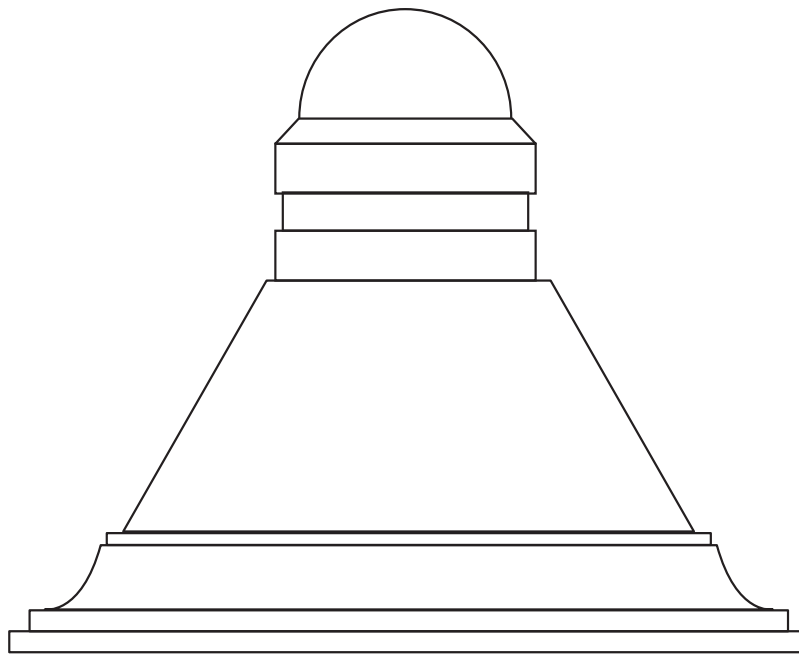
Weight: 53 LBS

Size 3

Width: ODN-3 30"

Height: ODN-3 24"

Weight: 74 LBS



CAP 1 (C1)

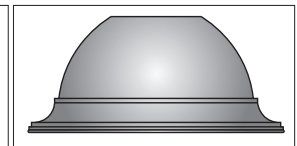
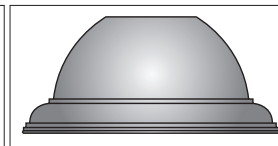
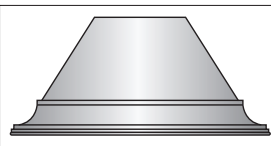
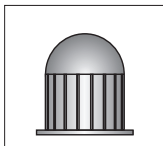
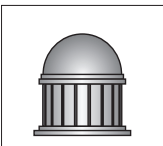
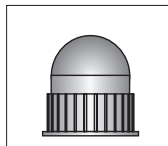
CAP 2 (C2)

CAP 3 (C3)

HOUSING 1 (H1)

HOUSING 2 (H2)

HOUSING 3 (H3)



CAP 4 (C4)

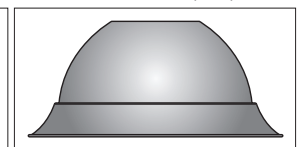
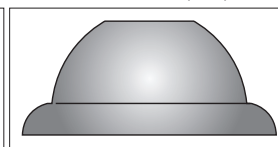
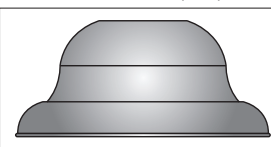
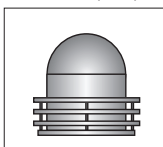
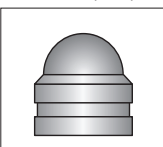
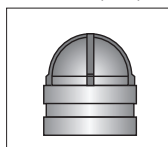
CAP 5 (C5)

CAP 6 (C6)

HOUSING 4 (H4)

HOUSING 5 (H5)

HOUSING 6 (H6)



ODEN 590 NM LUMEN DATA										
Model #	# of LEDs	Current(mA)	T1	T2	T3	T4	T5	T5W	T5WR	Wattage
ODN-1-L	16	350	605	567	577	541	607	588	588	18
		530	866	812	826	774	869	841	842	27
ODN-1-L	32	350	1152	1079	1099	1029	1155	1118	1119	36
		530	1708	1599	1629	1526	1712	1658	1659	55
ODN-1-L	48	350	1820	1705	1736	1626	1825	1766	1768	54
		530	2697	2527	2573	2410	2705	2618	2620	82
ODN-2-L	48	350	1820	1705	1736	1626	1825	1766	1768	54
		530	2697	2527	2573	2410	2705	2618	2620	82
ODN-2-L	64	350	2377	2226	2267	2124	2384	2307	2309	72
		530	3362	3149	3206	3003	3371	3263	3266	105
ODN-2-L	80	350	2905	2721	2771	2596	2914	2820	2822	89
		530	4062	3805	3874	3629	4073	3943	3946	130
ODN-2-L	96	350	3505	3283	3343	3132	3515	3402	3405	109
		530	5042	4723	4809	4505	5056	4894	4898	160
ODN-3-L	96	350	3505	3283	3343	3132	3515	3402	3405	109
		530	5042	4723	4809	4505	5056	4894	4898	160
ODN-3-L	128	350	4315	4042	4116	3855	4327	4188	4192	144
		530	6102	5716	5820	5453	6119	5923	5928	210
ODEN 590 NM LUMEN DATA										
Model #	# of LEDs	Current(mA)	T1	T2	T3	T4	T5	T5W	T5WR	Wattage
ODN-1-L	16	350	34	31	32	30	34	33	33	18
		530	32	30	30	28	32	31	31	27
ODN-1-L	32	350	32	30	31	29	32	31	31	36
		530	31	29	30	28	31	30	30	55
ODN-1-L	48	350	34	32	32	30	34	33	33	54
		530	33	31	31	29	33	32	32	82
ODN-2-L	48	350	34	32	32	30	34	33	33	54
		530	33	31	31	29	33	32	32	82
ODN-2-L	64	350	33	31	31	29	33	32	32	72
		530	32	30	31	29	32	31	31	105
ODN-2-L	80	350	33	31	31	29	33	32	32	89
		530	31	29	30	28	31	30	30	130
ODN-2-L	96	350	32	30	31	29	32	31	31	109
		530	32	30	30	28	32	31	31	160
ODN-3-L	96	350	32	30	31	29	32	31	31	109
		530	32	30	30	28	32	31	31	160
ODN-3-L	128	350	30	28	29	27	30	29	29	144
		530	29	27	28	26	29	28	28	210
Visit www.Visionairelighting.com for up-to-the-minute lumen chart information, including types not listed above										