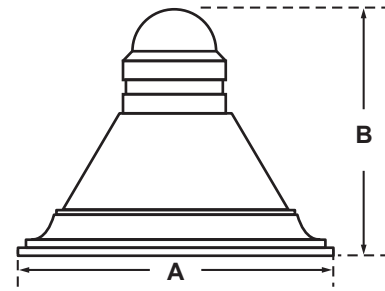


Oden LED

Project Name	Type
Catalog Number	

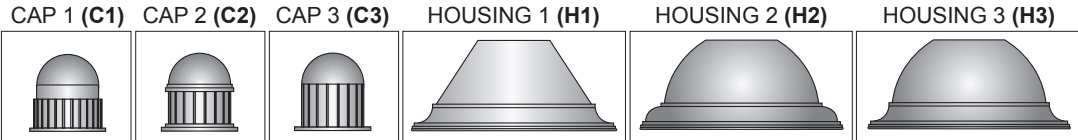


Dimensional Drawings

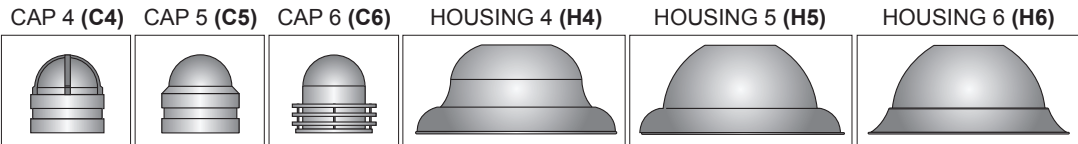


Fixture	A	B	Max. LEDs	Lbs
ODN-2-L	25"	22½"	42	38
ODN-3-L	30"	24"	84	53

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 - LEDs'** high-quality, durable construction makes it an ideal fixture for any application.



Model	Optics	Source	Milliamps	Kelvin	Voltage	Mounting	Finish	Cap/Shade	Options
ODN-2-L	Type III (T3) 	# of LEDs 42 (42LC)	350 (3) 530 (5)	4000K (4K) 5500K (55K)	120-277 *Universal voltage (UNV)	Yoke Mount *Slips over 3"ØD tenon x 4" tall with special threaded mounting plate. (YM)	Bronze (BZ) Black (BK)	C1 (C1) C2 (C2) C3 (C3)	Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277) Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) Dual Circuit (DC) Cutoff Louver System (CLS) High-Low System (HL)
ODN-3-L	Type V (T5) 	42 (42LC) 84 (84LC)				Arm Mount Large (AML) Wall Mount (WM)	White (WH) Sandstone (SN) Weathered Brown (WB) Silver Metallic (SL) Verdigris (VD) Forest Green (FG) Custom Color (CC)	C4 (C4) C5 (C5) C6 (C6) H1 (H1) H2 (H2) H3 (H3) H4 (H4) H5 (H5) H6 (H6)	

LED - Light Emitting Diode

*Input selection from this column in the form of: C1-H1

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.



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Housing

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

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 **Evo/C LEDs** are utilized. Estimated life of the LEDs is 1000,000+ hours. IES Type III and Type V distributions are standard. The LED VisionBar™ light assemblies are field replaceable. Available with up to 84 LEDs. The optical system qualifies as IES full cutoff; and is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
- CRI values are 70 for 4000K and 75 for 5500K.

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 mounting arms for both pole and wall mount applications (see 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, 50 Hz to 60 Hz input. Power factor is 90%. Rated for -40 °F operation.
- High-low system offers motion control or factory preset switching options. Consult factory for specific details.
- 2 kV surge protector supplied as standard.
- Driver is compatible with dimmer from 0-10 volts.

Warranty

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

Solar Panel Option

- The **Oden** is compatible for use with Visionaire Lighting's Solar Panel Pole™.

Options

- Button type photocell
- Cutoff louver system
- Fusing
- High-low system
- Dual circuit

Please consult factory for detailed custom options.

Listings

- **Oden** is  listed, suitable for wet locations.
- Dark-Sky Friendly® certified by the International Dark-Sky Association.
- RoHS compliant.
- IP65.
- LM79.
- LM80.
- Powder Coated Tough™ 

LED Data Chart

# Bars	# LEDs	Output mA	Nominal Watts	Initial Lumens T3	Initial Lumens T5	System Watts 120-277	L ₇₀ Hours @ 40° C
1 ODN-2	24	350	25	2,149	2,264	28	200,000
		530	35	2,582	2,832	39	120,000
2 ODN-2	48	350	50	4,298	4,529	56	200,000
		530	70	5,166	5,664	78	120,000
3 ODN-2	72	350	75	6,197	6,622	84	200,000
		530	105	7,748	8,496	117	120,000
4 ODN-2	96	350	100	8,263	8,830	112	200,000
		530	140	10,332	11,328	156	120,000
5 ODN-2	120	350	125	10,328	11,036	130	200,000
		530	175	12,914	14,160	199	80,000

EPA Data

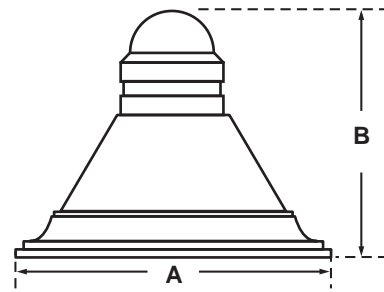
Fixture	Fixture Only	Fixture with VA 110-S1	2 Fixtures with VA110-D2	Fixture with VA107-S1	2 Fixtures with VA107-D2
ODN-2-L	1.2	2.2	4.1	3.5	5.6
ODN-3-L	2.6	3.6	6.6	4.9	8.3

Oden HID

Project Name	Type
Catalog Number	

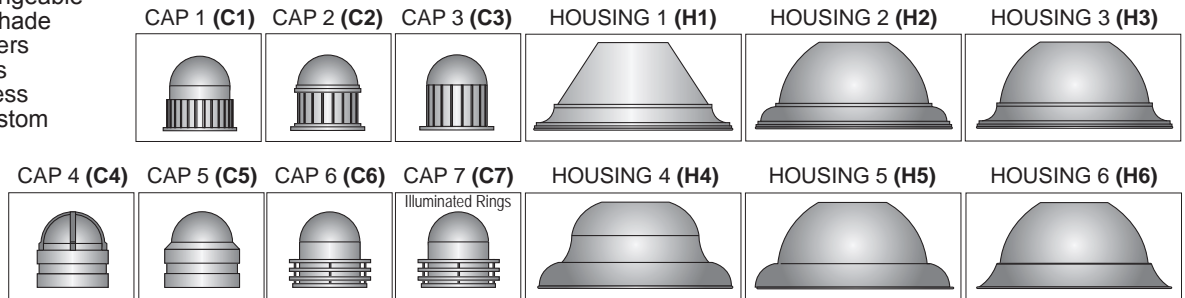


Dimensional Drawings



Fixture	A	B	Max. Watts	Lbs
ODN-1	20"	17.5"	150 W	40
ODN-2	25"	22.5"	400 W	55
ODN-3	30"	24"	750 W	75

With seven interchangeable caps and six spun shade styles, the **Oden** offers architects, designers and engineers endless possibilities for a custom fixture to fit their unique application. **Oden's** high-quality, durable construction makes it an ideal fixture for any environment.



Model	Optics	Wattage	Source	Voltage	Mounting	Finish	Cap/Shade	Options		
ODN-1	Type II (T2) 	70 (70)	PS HPS (P) (S)	120 (1)	Yoke Mount *Size 1 and 2 only. Slips over 3"ØD tenon x 4" tall with special threaded mounting plate. (YM)	Bronze (BZ)	C1 (C1)	Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277)		
		100 (100)		208 (2)					Black (BK)	C2 (C2)
		150 (150)		240 (3)					White (WH)	C3 (C3)
ODN-2	Type III (T3) 	200 (200)	PS HPS (S)	277 (4)	Arm Mount (AM)	Sandstone (SN)	C4 (C4)	Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) (DF480)		
		250 (250)		480 (5)					Weathered Brown (WB)	C5 (C5)
	Type IV (T4) 	320 (320)	PS HPS (P) (S)	M-Tap *Multi-Tap ballast wired at 277 V unless specified (6)	Large Arm Mount (AML) *For size 2 and 3 fixtures	Silver Metallic (SL)	C6 (C6)		Internal Light Shield (ILS)	
		400 (400) *Reduced Envelope Lamp on 400 W								347 (8)
ODN-3	Type V (T5) 	750 (750) *Reduced Envelope Lamp on 750 W	PS (P) LPS (L)			Verdigris (VD) Forest Green (FG) Custom Color (CC)	H1 (H1)	Illuminated Rings *(IR-) Blue (BL) Red (RD) Green (GN) Clear (CL)		
		35 (35)							H2 (H2) H3 (H3) H4 (H4) H5 (H5) H6 (H6)	

PS - Pulse Start Metal Halide
HPS - High Pressure Sodium
LPS - Low Pressure Sodium

*Input selection from this column in the form of: C1-H1

*For Cap 7 only, input option in the form of: IR-xx, where "xx" indicates color (BL, RD, GN or CL).

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.



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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.

Lens and Door Assembly

- One-piece, cast-aluminum, door assembly with tool-less access.
- Lens is clear, tempered flat glass, secured by galvanized lens retainers; fully gasketed, with a form-fitting, one-piece premium extruded silicone gasket to provide complete weather and insect protection.

Vision™ Optical System

- High performance vertical lamp, multifaceted, full cutoff, segmented, 95% reflectance anodized aluminum reflectors. Computer numerical control (CNC) cut and bent for manufacturing precision and consistency. Available in four IES distribution patterns. Field rotatable reflector (except Type V).
- Tool-less reflector entry.

Illuminated Rings

- Edge-lit colored rings available in Blue (BL), Red (RD), Green (GN) and Clear (CL). Option available on C7 cap only.

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.
- Finish is guaranteed for two (2) years.

Mounting

- Oden mounts to a wide selection of decorative and custom mounting arms for both pole and wall mount applications (see Decorative Arms section of catalog).

Electrical Assembly

- All ballasts are premium HPF autotransformers, available in High Pressure Sodium, Low Pressure Sodium and Pulse Start Metal Halide. Ballast provides consistent lamp starting down to -20 °F. Modular ballast assembly is easily removable with keyhole slots and Quick Disconnects.
- Socket is a glazed porcelain medium or mogul base with nickel plated contacts, rated at 4 kV and 600 V.

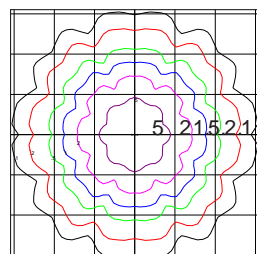
Options

- Button type photocell.
- Fusing.
- Internal light shield.
- House side light shield.
- Illuminated rings (C7 cap only).

Listings

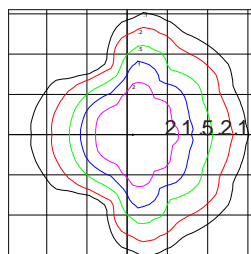
- Oden is listed, suitable for wet locations.
- Dark-Sky Friendly® certified by the International Dark-Sky Association.
- compliant.
- Powder Coated Tough™

Isolux Curves



ODEN-3
TYPE V
PULSE START OPTICS
750 WATTS

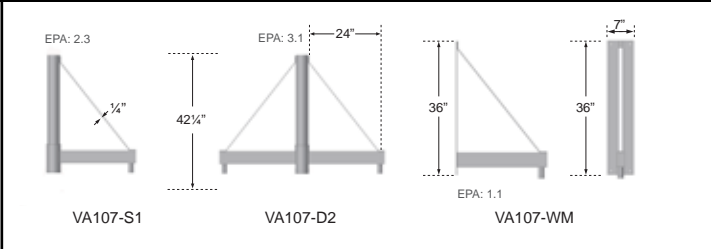
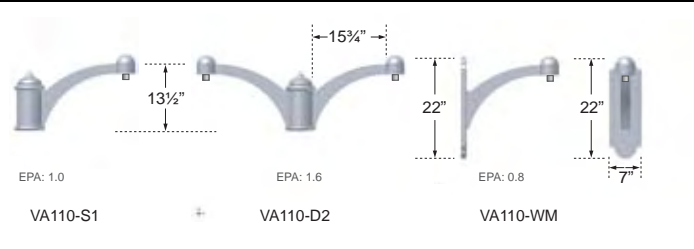
Scale: 1 Square = 60 ft
Initial Light Loss Factor = 1.00
Mounting Height = 38 ft
Arm Length = 3 ft
Arrangement: Double (Back-to-back)



ODEN-2
TYPE III
PULSE START OPTICS
250 WATTS

Scale: 1 Square = 30 ft
Initial Light Loss Factor = 1.00
Mounting Height = 20 ft
Arm Length = 3 ft
Arrangement: Single

Typical Decorative Arms - (Additional Arms in Mounting Arm Section)



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



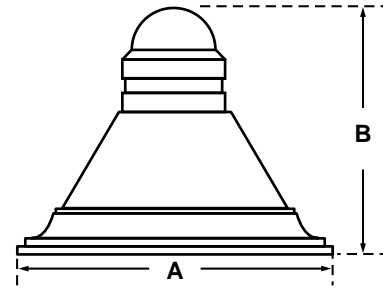
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Oden INDUCTION

Project Name	Type
Catalog Number	

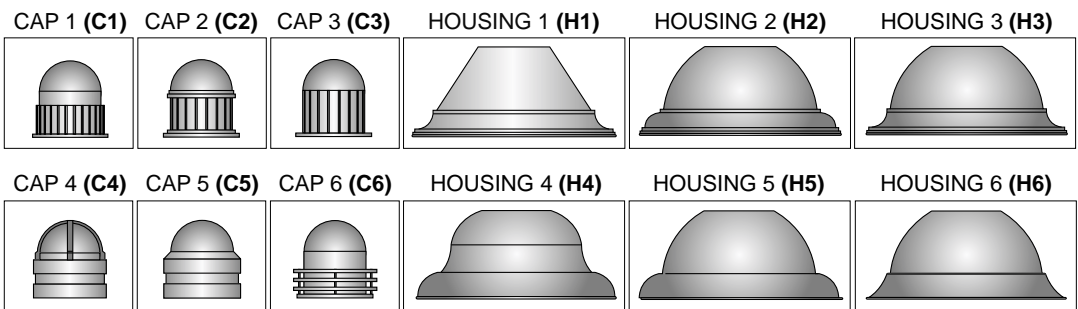


Dimensional Drawings



Fixture	A	B	Max. Watts	Lbs
ODN-2-I	25"	22½"	85 W	40
ODN-3-I	30"	24"	165 W	60

With six interchangeable caps and spun shade styles, the **Oden** offers architects, designers and engineers endless possibilities for a custom fixture to fit any application. Oden's high-quality, durable construction makes it an ideal fixture for any environment.



Model	Optics	Wattage	Source	Kelvin	Voltage	Mounting	Finish	Cap/Shade	Options
ODN-2-I	Type III (T3) 	Globe 35 (35G)	IND (IND)	3000K (3K)	120 (1)	Yoke Mount *Size 2 only. Slips over 3"ØD tenon x 4" tall with special threaded mounting plate. (YM)	Bronze (BZ)	C1 (C1) C2 (C2) C3 (C3) C4 (C4) C5 (C5) C6 (C6)	Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277) Fusing *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240)
	Type V (T5) 	55 (55G) 85 (85G)		5000K (5K)	208 (2) 240 (3)	Arm Mount (AM)	Black (BK) White (WH)		
ODN-3-I		Globe 85 (85G)		480	277 (4)	Arm Mount Large *For size 2 and 3 fixtures (AML)	Forest Green (FG)	H1 (H1) H2 (H2) H3 (H3) H4 (H4) H5 (H5) H6 (H6)	Internal Light Shield (ILS) House Side Light Shield (LS)
		100 (100G)		*Includes step-down transformer (5)	480	Wall Mount (WM)	Silver Metallic (SL)		
		120 (120G) 165 (165G)		347 *Includes step-down transformer (8)		Weathered Brown (WB) Soft Gold (SG) Custom Color (CC)			
			IND - Induction						

*Input selection from this column in the form of: C1-H1

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Housing

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

Optical System

- Patented Vision™ series high-performance, multifaceted, segmented, 95% reflectance, anodized aluminum reflectors.
- Type III and Type V distribution patterns are available.
- Type III reflector is field rotatable in 90° increments.

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.
- Finish is guaranteed for two (2) years.

Mounting

- The **Oden - Induction** mounts to a wide selection of decorative and custom mounting arms for both pole and wall mount applications (see Mounting Arms section of catalog).

Electrical Assembly



- All electrical components mounted to modular “power pad”.
- Induction generator accepts 120 V through 277 V, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -20 °F operation
- Modular Quick Disconnect supplied to the lamp for ease of installation and maintenance.
- Available in Induction from 35 to 165 watts.

Options

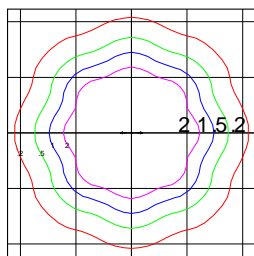
- Button type photocell
- Fusing
- Internal light shield
- House side light shield

Please consult factory for custom options and available upgrades.

Listings

- **Oden** is  listed, suitable for wet locations.
- **Dark-Sky Friendly®** certified by the International Dark-Sky Association.
- **Powder Coated Tough™** 
- **Vision™ Reflector System** (U.S. Patent No. 7,213,948).

Isolux Curve



ODEN-2-I
TYPE V
INDUCTION OPTICS
165 WATTS

Scale: 1 Square = 25 ft
Initial Light Loss Factor = 1.00
Mounting Height = 18 ft
Arm Length = 3 ft
Arrangement: Twin (Back-to-back)

EPA Data

Fixture	Fixture Only	Fixture with VA 110-S1	2 Fixtures with VA110-D2	Fixture with VA107-S1	2 Fixtures with VA107-D2
ODN-2-I	2.6	3.6	6.6	4.9	8.3
ODN-3-I	3.5	4.5	8.6	5.8	9.8



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