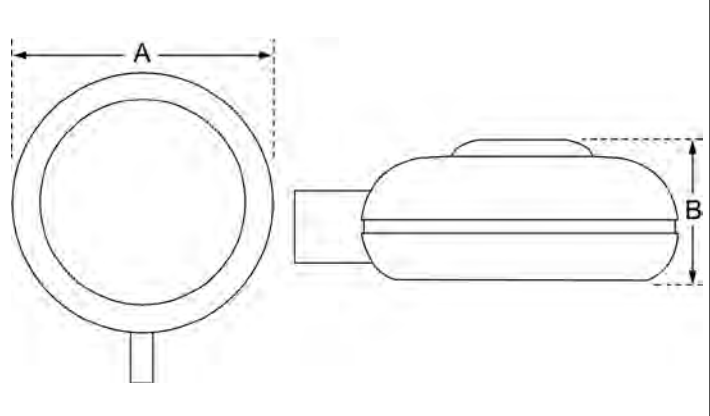


Orbistar HID

Project Name	Type
Catalog Number	



Dimensional Drawings



Fixture	A	B	Max. Watts	Lbs
OSR-1	25"	12"	400 W	50

The **Orbistar** series features the most advanced lighting reflector system available today. Vision™ is a patented, revolutionary new reflector system. The flat lens, vertical lamp, IES full cutoff luminaire is certified by the International Dark-Sky Association to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting.

The unique rounded, orbital styled housing features a decorative reveal in an optional contrasting color. Durable polyester powder coat finish is available in a wide array of architectural colors to enhance the design application.

The **Orbistar** series is offered in four IES distribution patterns. The Vision™ Reflector System allows for the use of fewer fixtures

and poles with wider spacing providing substantial equipment, installation and energy cost savings.

The **Orbistar** may be cable mounted for interior applications, such as retail facilities, auto dealership showrooms and other large spaces.

Orbistar is an excellent choice for shopping centers, parking lots and general area lighting. A wide selection of light sources from 70 watts thru 400 watts is offered in High Pressure Sodium and Pulse Start Metal Halide lamps to provide excellent efficiency, lumen maintenance and color.

Model	Optics	Wattage	Source	Voltage	Mounting	Finish/Stripe	Options
OSR-1	Type II (T2) 	HID 70 (70)	PS, HPS	120 (1)	Bolt-On Arm 6" (BOA6)	Bronze (BZ)	<u>Photocell & Receptacle</u> *Specify voltage (PC120) (PC208) (PC240) (PC277) (PCR480) Photo Receptacle *With shorting cap (PER) Quartz Restrike (QR) <u>Fusing</u> *Specify voltage Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) (DF480) House Side Light Shield (LS) Internal Light Shield (ILS) Round Pole Plate Adaptor (RPP) Cast Wall Plate (BAWP)
		100 (100)	PS, HPS	208 (2)	Bolt-On Arm 10" (BOA10)	Black (BK)	
	Type III (T3) 	150 (150)	PS, HPS	240 (3)	Spider Mount (SM)	White (WH)	
		200 (200)	PS	277 (4)	Cable Mount (CBM)	Forest Green (FG)	
	Type IV (T4) 	250 (250)	PS, HPS	480 (5)	Wall Mount *Cast Wall Plate (BAWP) to be ordered separately (WM)	Grey (GY)	
		320 (320)	PS	M-Tap *Multi-Tap ballast wired at 277 V unless specified (6)	Silver Metallic (SL)	Custom Color (CC)	
	Type V *Only option for Cable Mount (T5) 	400 (400)	PS, HPS *Reduced envelope lamp on 400 W	PS, HPS (P) (S)	347 (8)	Unless specified, BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations. Round Pole Plate Adaptors (RPP) are to be ordered separately. Stripe Color Blue Metallic (94) Red Opaque (188) Silver Metallic (58) Gold Metallic (41) White Opaque (50) Black Metallic (60) Charcoal Metallic (20)	

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

• All housings are spun aluminum and are designed and engineered for a weather-tight seal. Orbistar housings display a decorative reveal to give the luminaires a distinct appearance. All external hardware is stainless steel.

Lens and Door Assembly

• Door assembly is precision spun, one-piece, corrosion-resistant aluminum, with captive stainless steel fasteners.
• The standard lens is a clear, tempered flat glass, secured by galvanized lens retainers and sealed with silicone gasketing to provide complete weather and insect protection.

Vision™ Optical System

• Reflector is precision CNC cut and bent, multifaceted, segmented, highly efficient, 95% reflective aluminum. Available in four distribution patterns.
• Tool-less reflector entry.

Quali-Guard® Finish

• The finish is 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 two (2) years.

Mounting

• A rounded extruded aluminum, Bolt-On Arm (BOA), with an in-pole nut plate, securing two half-inch zinc running bolts, with stainless

steel hardware is standard. A Round Pole Plate Adaptor (RPP) is required for mounting to 3" - 5" round poles.

• Cable Pendant Mount - for interior applications. Aircraft cable supports mount to outlet box and is supplied with canopy cover.

Electrical Assembly

• All ballasts are premium-grade HPF regulating autotransformers. Ballast is capable of providing consistent lamp starting down to -20 °F. Available in:

- Pulse Start Metal Halide (PS)
- High Pressure Sodium (HPS)



• Socket is glazed porcelain medium or mogul base with nickel-plated contacts, rated at 4 kV and 600 V.

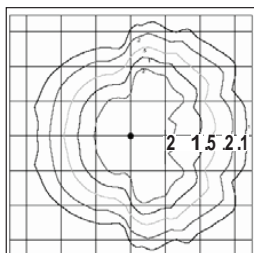
Options

- Photocell & receptacle
- Photo receptacle
- Quartz restrike
- Fusing
- House side light shield
- Internal light shield
- Round pole plate adaptor
- Cast wall plate
- Stripe color

Please consult factory for custom options.

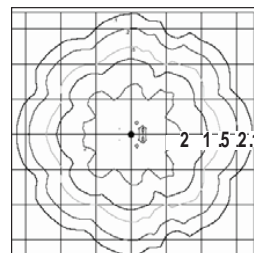
Listings

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



ORBISTAR-1 ISOLUX CURVE
TYPE III
PULSE START VLFG
400 WATTS

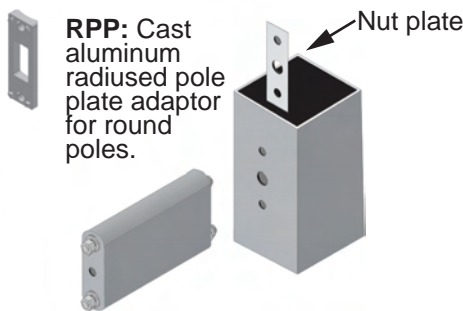
Scale: 1 Square = 30 ft
Initial Light Loss Factor = 1.00
Mounting Height = 25 ft
Arrangement: Single



ORBISTAR-2 ISOLUX CURVE
TYPE V
PULSE START VLFG
400 WATTS

Scale: 1 Square = 30 ft
Initial Light Loss Factor = 1.00
Mounting Height = 25 ft
Arrangement: Single

Bolt-On Arm Detail



OSR-1: 6" or 10" long x 6" tall x 2" wide

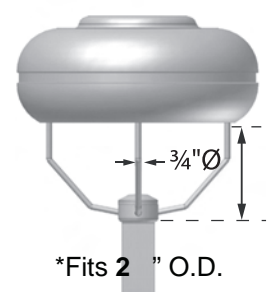
Cast Wall Plate



*For use with standard Bolt-On Arm








BAWP: 10" tall x 6 1/2" wide

Spider Mount Detail



OSR-1: 8.89" tall

EPA Data

Fixture with Arm							
OSR-1	2.0	3.6	4.0	5.4	4.6	6.4	2.3



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