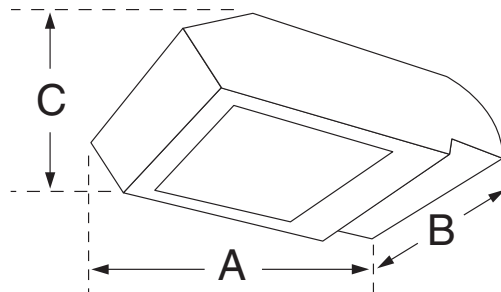


Dimensional Drawings



Fixture	A	B	C	Max. Watt
POL-1	26"	17"	10"	400w
POL-2	30"	21 1/2"	13 1/2"	1000 w



The **Polera** luminaire features a unique contemporary design inspired by the sleek styling of a European sports car. Vision™ is a patent-pending, revolutionary new reflector system unlike any other. The **flat lens, vertical lamp, IES full cut-off** luminaire is Dark Sky certified to restrict light trespass, glare and light pollution for neighborhood friendly outdoor lighting. (Convex glass lens is available when required.)

The low profile, aerodynamic-shaped housing is complimented with a **uniquely styled mounting arm**. A durable polyester powder coat finish in a selection of architectural colors enhance any application. Computerized precision machinery and quality materials insure manufacturing to the highest industry standards.

Polera is available in two sizes and five distribution patterns, including a special forward throw Type IV-A reflector for auto dealership front line lighting. VISION™ REFLECTOR SYSTEM allows the use of fewer fixtures and poles with wider spacings, providing substantial equipment, installation and energy cost savings.

Polera is an exceptional choice for auto dealerships, shopping centers, parking lots, streetlighting and general area lighting. A wide selection of light sources from 100 through 1000 watts are offered in Metal Halide, High Pressure Sodium, and the new Pulse Start Metal Halide lamp which provides excellent efficiency, lumen maintenance and color.

Model No.	Optics	Wattage	Source	Voltage	Mounting	Finish	Options
POL							
Model	Optics	Wattage	Source	Voltage	Mounting	Finish	Options
☐ POL-1 Flat Glass (Convex Glass Optional)	☐ Type II (T2) ☐ Type III (T3) ☐ Type IV (T4)	☐ 100 (100) ☐ 150 (150) ☐ 175 (175) ☐ 250 (250) ☐ 320 (320) ☐ 400 (400) <i>*Reduced Envelope Lamp on 400w</i>	PS, HPS PS, HPS MH, PS MH, PS, HPS PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐	☐ 120 (1) ☐ 208 (2) ☐ 240 (3) ☐ 277 (4) ☐ 480 (5) ☐ M.Tap (6) ☐ 5-Tap (7)	☐ Bolt-On Arm 6" (BOA6) ☐ Bolt-On Arm 10" (BOA10) ☐ Wall Mount (WM) <i>*Cast Wall Plate (BAWP) to be ordered separately.</i>	☐ Bronze (BZ) ☐ Black (BK) ☐ White (WH) ☐ Green (GN) ☐ Grey (GY) ☐ Silver Metallic (SL) ☐ Custom (CC)	<u>Photocell & Receptacle</u> <i>*Specify voltage</i> ☐ (PC120) ☐ (PC208) ☐ (PC240) ☐ (PC277) ☐ (PCR480) ☐ Photo Receptacle <i>*With Shorting Cap (PER)</i> ☐ Quartz Restrike (QR) <u>Fusing</u> <i>*Single In-Line Fuse</i> <i>*Specify voltage</i> ☐ (SF120) ☐ (SF277) <i>*Double In-Line Fuse</i> <i>*Specify voltage</i> ☐ (DF208) ☐ (DF240) ☐ (DF480) ☐ External House Side Light Shield (LS) ☐ Convex Glass Lens (VLCG) ☐ RPP-1 Round Pole Plate Adaptor (RPP) ☐ Cast Wall Plate (BAWP)
☐ POL-2 Flat Glass (Convex Glass Optional)	☐ Type IV-A Automotive (T4A) (Not Available POL-1) ☐ Type V (T5)	☐ 750 (750) ☐ 1000 (1000) <i>*Reduced Envelope 750 & 1000 Watt ED-37 Lamp</i>	PS MH, PS, HPS (M), (P), (S) ☐ ☐ ☐ MH - Metal Halide PS - Pulse Start Metal Halide HPS - High Pressure Sodium	Multi-Tap ballast factory wired at 277v unless otherwise specified. Standard for 400 & 1000w MH only, factory wired at 480v unless otherwise specified.	<i>*Unless specified a BOA6 will be supplied for S1 & D180 mounting. BOA10 supplied for all other mounting configurations.</i> <i>*Round Pole Plate Adaptors (RPP) are to be ordered separately.</i>		

For more detailed information on mounting, wiring, or installation instructions, please consult factory. Note that if Poles are not ordered with fixtures, please specify the 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.



VISIONAIRE LIGHTING

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Polera Specifications

Housing

- All housings are manufactured using technologically advanced computer numerical control (CNC) machinery. Precision sheared and formed, .080 gauge, corrosion resistant aluminum.
- The computerized CNC machinery enables all Polera housings to be constructed quickly, efficiently, and adhering to exacting ISO 9002 standards. All external hardware is stainless steel.

Lens and Door Assembly

- Removable Door assembly is CNC precision, sheared and formed from .080 corrosion resistant aluminum with captive stainless steel fasteners.
- The lens is a tempered clear safety glass, secured by galvanized lens retainers and sealed with one piece extruded silicone gasketing to provide complete weather and insect protection.
- An optional convex glass lens is available when required.

Vision™ Optical System - (Patent pending)

- Reflector is precision CNC cut and bent, multi-faceted, segmented, highly efficient, 95% reflective aluminum. Available in five distribution patterns.
- Tool-less reflector entry.
- T4A Automotive Reflector is Field Rotatable.

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 two ml. thickness. Finish is oven baked at a temperature of 400 degrees Fahrenheit to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.

Mounting

- An extruded aluminum, bolt-on-arm (BOA) with an in-pole nut plate, securing (2) 1/2 inch zinc running bolts an with stainless steel hardware is standard. A Round Pole Plate Adaptor (RPP) is required for mounting to 3" -5" Round Poles.

Electrical Assembly

- All ballasts are premium grade CWA or HPF regulating auto transformers. Ballast is capable of providing consistent lamp starting down to -20 degrees Fahrenheit. Available in:

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

- Quick disconnect wiring is standard.
- Socket is glazed porcelain medium or mogul base with nickel plated contacts, rated at 4K (5K for 1000 watt) and 600V.

Options

Fixtures available with a variety of options:

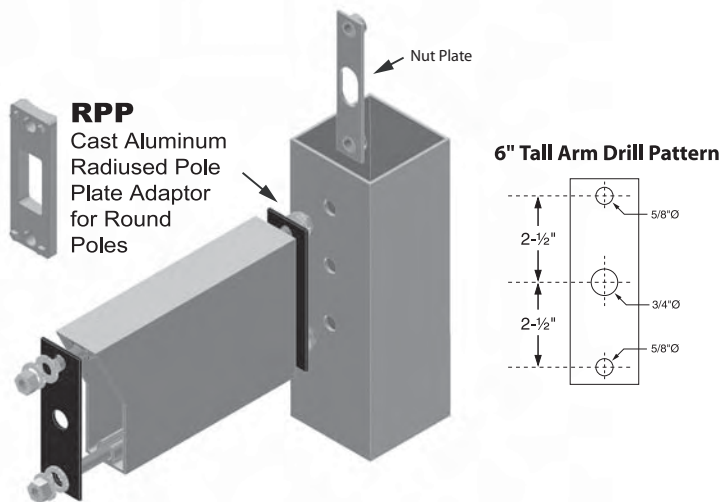
- photo cell
- quartz restrike
- convex glass lens
- house side light shields
- fusing
- photocell receptacle

Please consult factory for custom option.

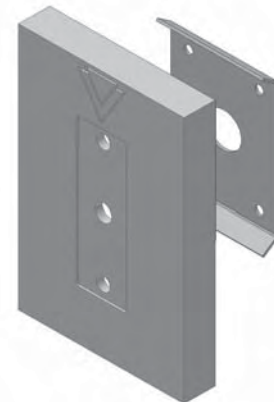
Listings

- **Polera** is  listed, suitable for wet locations. All fixtures factory tested prior to shipment.
- **Dark Sky Friendly®** certified by the International Dark Sky Association. (Flat Lens models with Type III or Type V Reflectors)

Bolt-On-Arm Detail



Cast Wall Plate



For use with Standard 6" Tall Bolt-On Arm.

POL-1 & 2: 6" or 10" Long x 6" Tall x 2" Wide

BAWP - 10" Tall x 6 1/2" Wide

EPA Data

Fixture with Arm						
POL-1	2.7	4.9	5.4	7.3	3.3	8.7
POL-2	3.6	6.5	7.2	9.7	8.3	11.5