


# Bellagio LED

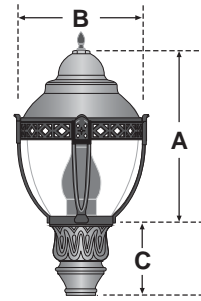
Project Name	Type
Catalog Number	



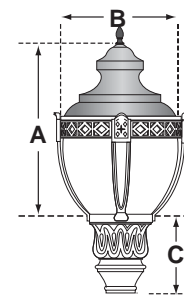
\*BLG-HT1  LISTED  
w/ optional clear lens

## Dimensional Drawings

**BLG-L-HT1**



**BLG-L-HT2**









Fixture	A	B	C	Max. LEDs	Lbs
<b>BLG-HT1-L</b>	23½"	16"	11"	84	50
<b>BLG-HT2-L</b>	23½"	16"	11"	84	50

The **Bellagio LED Series** blends beautiful design with the photometrics of tomorrow; all while boasting the energy savings, excellent control and long life (minimum 60,000 hours) of Visionaire Lighting's high-efficiency LED VisionBars™.

The **Dark-Sky Bellagio LED** hard-top design comes standard with a textured lens, or order with optional clear lens. All configurations spread light evenly and broadly, to ensure safety and security. The **Bellagio** design is presented with elegant filigree, ornamental struts and holder; and feature multiple decorative arm and pole selections.

This series also benefits from state-of-the-art manufacturing processes, including high-quality, durable powder coat finishing in a variety of colors.

The **Bellagio LED** series is ideal for the new retail lifestyle centers being built around the country. Municipalities and private communities are also excellent applications for these decorative performance luminaires, as both will benefit from the combination of elegance and photometric performance that saves material and energy costs, as well as protects the night skies.

Model	Optics	Source	Milliamps	Kelvin	Voltage	Mounting	Finish	Options
<b>Dark-Sky</b> <small>*Textured acrylic lens standard</small>	Type III <b>(T3)</b> 	# of LEDs 42 <b>(42L)</b>	mA 350 <b>(3)</b>	4000K <b>(4K)</b>	120-277 <small>*Universal voltage</small> <b>(UNV)</b>	Post Top <small>*Fits over 3" O.D. tenon</small> <b>(PT)</b>	Bronze <b>(BZ)</b>	<b>Finials</b>  No. 1  No. 2  No. 3  No. 4 <b>(FIN1) (FIN2) (FIN3) (FIN4)</b>
<b>BLG-HT1-L</b>		84 <b>(84L)</b>	530 <b>(5)</b>			Wall Mount <b>(WM)</b>	Black <b>(BK)</b>	
<b>BLG-HT2-L</b>	Type V <b>(T5)</b> 		700 <b>(7)</b>				White <b>(WH)</b>	<b>Button Type Photocell</b> <small>*Specify voltage</small> <b>(PC120) (PC208)</b> <b>(PC240) (PC277)</b>
							Forest Green <b>(FG)</b>	
							Grey <b>(GY)</b>	
							Silver Metallic <b>(SL)</b>	<b>Fusing</b> <small>*Specify voltage</small> Single in-line fuse <b>(SF120) (SF277)</b> Double in-line fuse <b>(DF208) (DF240)</b>
							Verdigris <b>(VG)</b>	
							Weathered Brown <b>(WB)</b>	<b>Lens</b> Acrylic Clear <b>(CL)</b>  Internal Light Shield <b>(ILS)</b>
							Custom Color <b>(CC)</b>	

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

- The **Dark-Sky Bellagio LED** features a high-quality, one-piece, spun aluminum cap; and cast aluminum holders.
- All external hardware is stainless steel.

### Lens Assembly

- Acorn globe available in two styles.
- Standard lens is impact-resistant, textured acrylic.
- Fully gasketed with a form-fitting, premium extruded silicone gasket to provide complete weather and insect protection.

### Optical System

- The highest-lumen output LEDs available are utilized. Estimated life of the LEDs is 60,000 hours. IES Type III and Type V distributions are standard. The LED VisionBar™ light assemblies are field replaceable. Available in up to 84 LEDs. The optical system in the clear lens, hard-top style qualifies as IES full cutoff; and is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.

### Quali-Guard® Finish

- Aluminum fixture components are chemically pre-treated through a multiple stage washer and finished with an electrostatically-applied, thermoset polyester powder coat textured paint of a minimum of 3 to 5 millimeters thickness. Finish is oven-baked at a temperature of 400 °F to promote maximum adherence, and finish hardness. All finishes are available in standard and custom colors.

### Mounting

- The **Bellagio LED Series** is a post-top fixture that mounts over a 3-inch tenon, with a wide selection of decorative and custom mounting arms for both pole and wall mount applications (see Decorative Arms section of catalog).

### Electrical Assembly

- The **Bellagio LED Series** is supplied with a high-performance LED driver that accepts 120 V thru 277 V, 50 hz to 60 hz input. Power factor is 90%. Rated for -40 °F operation.

### Warranty

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



### Solar Vision Pole™ Option

- The **Bellagio LED** is compatible for use with Visionaire Lighting's Solar Vision Pole™. Power up to 100 watts off-the-grid in any locale. Not for use with in-line voltage.

### Options

- Fixtures available with a variety of options, including clear acrylic lens, button type photo cell, finials and fusing.
- Internal light shield.

### Listings

- **Bellagio LED** is  listed, suitable for wet locations.
- **Dark-Sky Friendly®** certified by the International Dark-Sky Association (hard top, clear lens models only).
- LM79.
- LM80.
- Powder Coated Tough™ 


### LED Data Chart

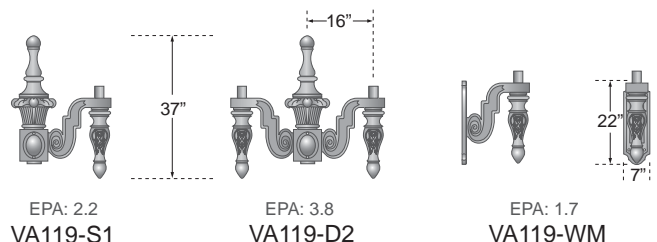
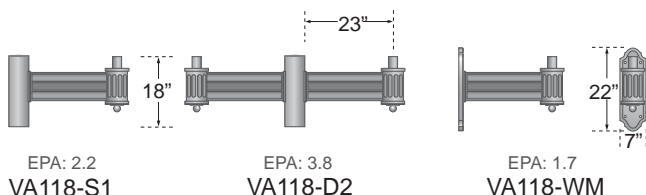
# LEDs	Output mA	Nominal Watts	System Watts 120
42	350	45	46
	530	66	70
	700	90	95
84	350	90	92
	530	132	137
	700	N/A	N/A

### EPA Data

Fixture	Fixture Only	Fixture with VA118-S1	2 Fixtures with VA118-D2
BLG-HT1-L BLG-HT2-L	2.2	4.4	8.2

### Typical Decorative Arms

 \*Optional decorative capital (VAC02)



\*This arm is also available with fluted center slip-fitter

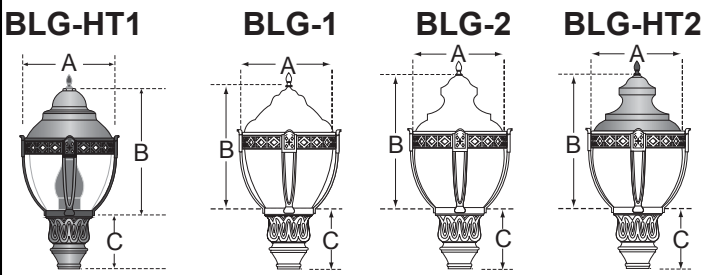
# Bellagio HID

Project Name	Type
Catalog Number	



\*BLG-HT2

## Dimensional Drawings



Fixture	A	B	C	Max. Watts	Lbs
BLG-HT1	23½"	16"	11"	200 W	50
BLG-HT2	23½"	16"	11"	200 W	50
BLG-1	23½"	16"	11"	200 W	55
BLG-2	25¾"	16"	11"	200 W	55

The **Bellagio HID** series blends beautiful design with photometric strength by employing Visionaire's patented Vision™ Reflector System to allow for the use of fewer fixtures with wider spacing. This results in significant fixture, installation, maintenance and energy savings.

Choose either the **Dark-Sky Bellagio HID** hard-top design, or the **Classic Bellagio HID** solid lens (capless) version. For both, a textured lens comes standard. All configurations spread light evenly and broadly to ensure safety and security.

The **Classic Bellagio HID** comes standard with a borosilicate glass refractor in Type III or V distribution patterns. Select the optional

clear acrylic lens for translucent day-time views of the horizon. Both the **Dark-Sky** and two **Classic Bellagio** designs are presented with elegant filigree, ornamental struts and holder, and feature multiple decorative arm and pole selections. The **Bellagio Series** benefits from state-of-the-art manufacturing processes, including a high-quality, durable powder coat finish in a variety of colors.

The **Bellagio** family of luminaires is ideal for the new retail lifestyle centers being built around the country. Municipalities and private communities are also excellent applications for these decorative performance luminaires, as both will benefit from the combination of elegance and photometric performance that saves material and energy costs, as well as protects the night skies.

Model	Optics	Wattage	Source	Voltage	Mounting	Finish	Options
<b>Dark-Sky</b> <small>*Textured acrylic lens standard</small> <b>BLG-HT1</b>	<b>Segmented Type II (T2)</b> 	70 (70)	PS HPS	120 (1)	Post Top <small>*Fits over 3" O.D. tenon (PT)</small>	Bronze (BZ)	<b>Finials</b>  No. 1 (FIN1) No. 2 (FIN2) No. 3 (FIN3) No. 4 (FIN4)  <b>Button Type Photocell</b> <small>*Specify voltage</small> (PC120) (PC208) (PC240) (PC277)  <b>Fusing</b> <small>*Specify voltage</small> Single in-line fuse (SF120) (SF277) Double in-line fuse (DF208) (DF240) (DF480)  <b>Clear Lens</b> <small>*BLG-HT-1 only</small> (CL)  <b>Polycarbonate Textured</b> <small>*BLG-1 and BLG-2 only</small> (PL)  <b>Internal Light Shield</b> (ILS)
		100 (100)	PS HPS	208 (2)	Wall Mount (WM)	Black (BK)	
	<b>BLG-HT2</b>	<b>Type III (T3)</b>   <b>Type V (T5)</b> 	150 (150)	PS HPS	240 (3)	White (WH)	
			200 (200)	PS (P) (S)	277 (4)	Forest Green (FG)	
<b>Classic</b> <small>*Textured acrylic lens standard</small> <b>BLG-1</b>	<b>Glass Refractor Type III (GR3)</b>   <b>Type V (GR5)</b> 			480 (5)	Silver Metallic (SL)		
				347 (8)	Verdigris (VG)		
<b>BLG-2</b>					Weathered Brown (WB)		
					Custom Color (CC)		

PS - Pulse Start Metal Halide  
 HPS - High Pressure Sodium

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

- The **Dark-Sky Bellagio HID** features a high-quality, one-piece, spun aluminum cap and both **Bellagio** versions offer durable cast aluminum holders.
- All external hardware is stainless steel.

### Lens Assembly

- Acorn lens available in two styles.
- Standard lens is impact-resistant, textured acrylic.
- Fully gasketed with a form-fitting premium extruded silicone gasket to provide complete weather and insect protection.

### Vision™ Optical System

- The **Dark-Sky Bellagio** features the patented Vision™ Reflector System; a high-performance vertical lamp, multifaceted, segmented, 95% reflectance anodized aluminum reflector, CNC cut and bent for precision and consistency. Available in Type II, III and V cutoff IES distribution patterns.
- The **Classic Bellagio** offers a choice of prismatic borosilicate glass refractors, for non-cutoff Type III or Type V distributions.

### Quali-Guard® Finish

- Aluminum fixture components are chemically pretreated through a multiple-stage washer, and finished with an electrostatically-applied, thermoset polyester powder coat textured paint, with a minimum of 3 to 5 millimeters thickness. Finish is oven-baked at a temperature of 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

- The **Bellagio HID** series is a post-top fixture that mounts over a 3-inch tenon, with 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-grade HPF autotransformers, available in High Pressure Sodium and Pulse Start Metal Halide. Ballast is capable of providing consistent lamp starting down to -20 °F.
- Socket is a glazed porcelain medium or mogul base with nickel-plated contacts rated at 4 kV.
- A wide selection of light sources from 70 through 200 watts are offered, including Pulse Start lamps for superior efficiency, lumen maintenance and color.

### Options

- Finials
- Button type photocell
- Fusing
- Clear lens
- Polycarbonate textured lens
- Internal light shield

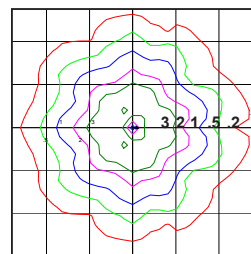
### Listings

- Bellagio is  listed, suitable for wet locations.
- Dark-Sky Friendly® certified by the International Dark-Sky Association (hard top, clear lens models only).
-  compliant.
- Powder Coated Tough™ 

## EPA

## Isolux Curve


Fixture	Fixture Only	Fixture with VA118-S1	2 Fixtures with VA118-D2
BLG-HT1	2.2	4.4	8.2
BLG-1	2.2	4.4	8.2
BLG-2	2.3	4.5	8.4

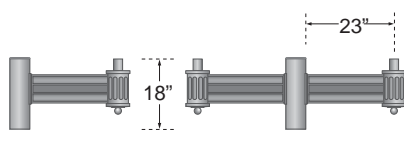


**BELLAGIO-HT1**  
TYPE V  
PULSE START OPTICS  
100 WATTS

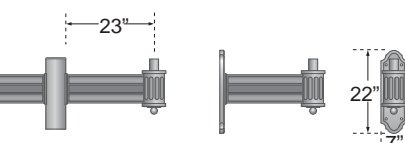
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Light Loss Factor = 1.00  
Mounting Height = 14 ft  
Arrangement: Single

## Typical Decorative Arms

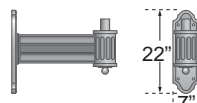
 \*Optional decorative capital (VAC02)



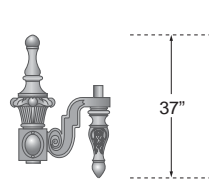
EPA: 2.2  
VA118-S1



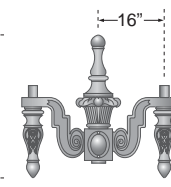
EPA: 3.8  
VA118-D2



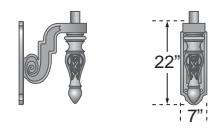
EPA: 1.7  
VA118-WM



EPA: 2.2  
VA119-S1



EPA: 3.8  
VA119-D2



EPA: 1.7  
VA119-WM

\*This arm is also available with fluted center slip-fitter