

TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ PROJECT: \_\_\_\_\_

CATALOG NUMBER:								
	MODEL	LED LIGHT SELECTION	POLE	VOLTAGE	FINISH	OPTION	OPTION	OPTION



- 1- Front cover constructed of corrosion resistant cast aluminum.
- 2- 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
- 3- Modular LED boards with total internal reflecting (TIR) acrylic optics.
- 4- Regressed baffle trim provides high cut-off.
- 5- Clear tempered glass.
- 6- Heavy gauge steel mounting plate with leveling adjustment (5° total). Head mounting height can be customized upon request (contact factory).
- 7- 6" (152mm) x 6" (152mm) 6061-T6 aluminum pole. 0.25" thick.

All stainless steel hardware.



### MATERIALS

Bellevue is made of 6063-T6 extruded aluminum alloy. Cast parts are made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

Custom designed and manufactured optical system comprised of a Total Internal Reflecting (TIR) optic used in conjunction with a primary light absorbing baffle that is set into a secondary regressed baffle trim. System optics provide high efficiency with choice of 55° FWHM angle (half-angle from Nadir), or 22° FWHM angle.

The driver is mounted either in the pole access door (Single Head Configuration) or in the pole top cap (P2, P290, P3, P4) for ease of maintenance.

### ELECTRICAL

**DRIVER** Standard driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%). Optional 347/480V, operating temperatures of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

**LED** Offered in 2700K, 3000K, 3500K, 4000K at 80 CRI. See the CCT options for details.

### LIFETIME

60,000hrs L<sub>70</sub>B<sub>50</sub> (based on LM-79 and LM-80 data).

### FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

### CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. cULus listed wet location.

Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. Rated IP65.

### MOUNTING

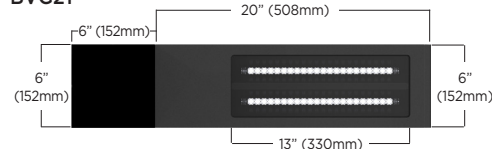
Maximum weight: 19 lbs (8.8 kg)

Bellevue is designed for ease of access and installation.

The head is secured on the pole by a set of (4) 5/16-18 bolts.

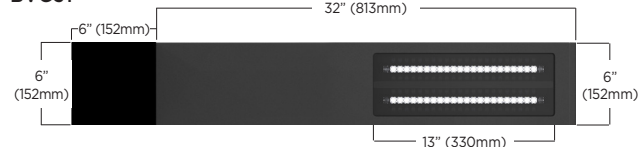
The cast aluminum base plate is secured with a set of (4) 3/4"-10 x 18" lg. galvanized anchor bolts. Accessibility is done through a flush mount 3" x 10" (76 x 254) hand hole cover plate. See page 3 for pole base mounting details.

### BVG21



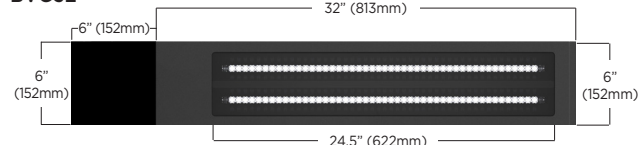
EPA value: 0.75 ft<sup>2</sup>

### BVG31



EPA value: 1.2 ft<sup>2</sup>

### BVG32



EPA value: 1.2 ft<sup>2</sup>



# BVG21/BVG31/BVG32 SERIES

## Bellevue - LED

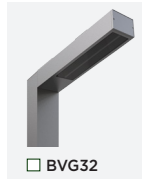
### LUMINAIRE SELECTION

#### 1 MODEL



#### 2 LED LIGHT SELECTION WHITE (4000K/ 80CRI)

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
R22	<input type="checkbox"/> L2L15-R22	1535	17
	<input type="checkbox"/> L2L30-R22	2991	34
R55	<input type="checkbox"/> L2L15-R55	1393	17
	<input type="checkbox"/> L2L30-R55	2714	34



TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
R22	<input type="checkbox"/> L4L30-R22	3070	34
	<input type="checkbox"/> L4L60-R22	5982	68
R55	<input type="checkbox"/> L4L30-R55	2786	34
	<input type="checkbox"/> L4L60-R55	5428	68

#### 3 POLE °

POLE MODEL	HEIGHT
<input type="checkbox"/> BVP610	120"
<input type="checkbox"/> BVP612	144"
<input type="checkbox"/> BVP614	168"
<input type="checkbox"/> BVP616	192"
<input type="checkbox"/> BVP618	216"
<input type="checkbox"/> BVP620	240"

#### 4 VOLTAGE 1

- ☐ 120V  
☐ 208V  
☐ 240V  
☐ 277V  
  
 Optional  
☐ 347V  
☐ 480V

#### 5 FINISH

STANDARD COLORS	
<input type="checkbox"/> WHT	Snow white
<input type="checkbox"/> BKT	Jet black
<input type="checkbox"/> BZT	Bronze
<input type="checkbox"/> MST	Matte silver
<input type="checkbox"/> GRT	Titanium gray
<input type="checkbox"/> DGT	Gun metal
<input type="checkbox"/> CHT	Champagne
<input type="checkbox"/> SGT	Steel gray
<input type="checkbox"/> BGT	English cream

OPTIONAL COLORS	
<input type="checkbox"/> CS	Custom color
<input type="checkbox"/> RAL	RAL# color

(Refer to color chart)

### OPTIONS

#### ELECTRICAL

- ☐ **FS** Fuse  
☐ **PHSC** NEMA C136.41 7-PIN receptacle with shorting cap preinstalled <sup>3</sup>  
☐ **PH7** NEMA C136.41 7-PIN receptacle with photocell sensor preinstalled <sup>3</sup>  
☐ **SP** 10kV surge protector  
☐ **MS** Motion sensor device (high/low 25%). 270° coverage. <sup>3</sup>  
☐ **MSH** In-head motion sensor device (high/low 25%). 300° coverage. <sup>3, 5</sup>

#### CCT/CRI

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)  
☐ **K30** 3000K CCT 80 CRI (LCF: 0.92)  
☐ **K35** 3500K CCT 80 CRI (LCF: 0.96)  
☐ **K40** 4000K CCT 80 CRI

NOTE: Other CCT & higher CRI available, please consult factory.

#### POLE OPTIONS (see page 4 for details)

- ☐ **GFI** Ground fault circuit interruption flush receptacle <sup>2</sup>  
☐ **CGF** Ground fault circuit interruption with clear in-use cover <sup>2</sup>  
☐ **T15** Arms mounted on a 15° tilt. Note that the distribution of the illumination will be affected by the angle. <sup>6</sup>

#### Multiple mountings <sup>4</sup>

- ☐ **P2** Twin mount @ 180°  
☐ **P290** Twin mount @ 90°  
☐ **P3** Triple mount @ 90°  
☐ **P4** Quadruple mount  
☐ **PCST** Custom configuration. See separate custom configuration form to fill in the information

#### CONTROL

- ☐ **NLTAIR2** In-head nLight AIR 2.0 Motion Sensor. 300° coverage. <sup>3, 5, 8</sup>

#### NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- GFI and CGF options are installed 30" above grade on access door side. CGF cover protrudes by 3.62" (92mm). 120V required for GFI or CGF.
- 3- Not compatible with PHSC and PH7 options.
- 4- For multiple mounting please verify with your local wind zone and with a recognized authority.
- 5- Increases head length by 2" to fit sensor on BVG21 and BVG32.
- 6- T15 pole angled top cover only with Single Head Configuration.
- 7- Not Available in 480V.
- 8- Must link to external nLight Air network.
- 9- For 14' to 20' poles installed in Canada, consult factory.

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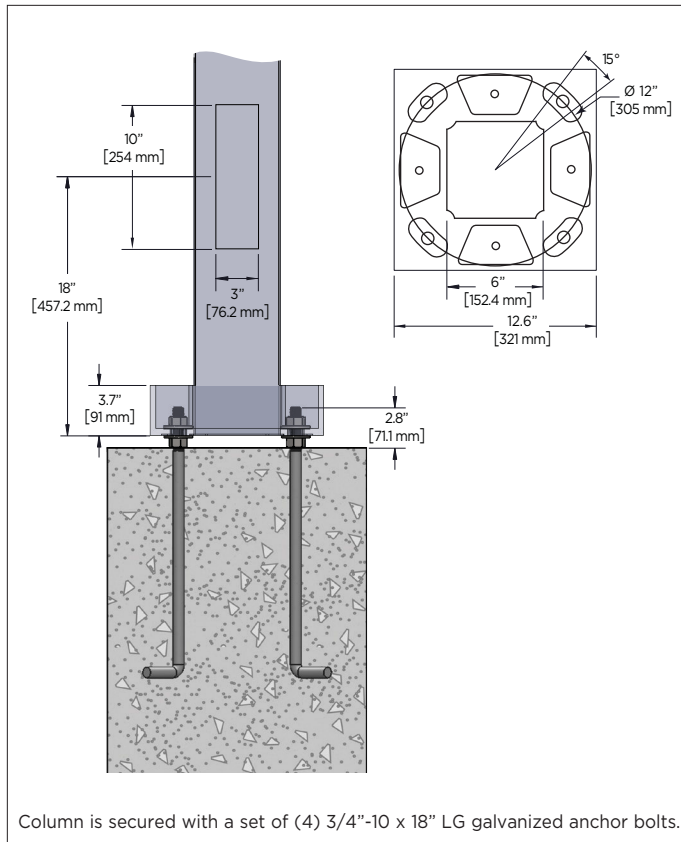
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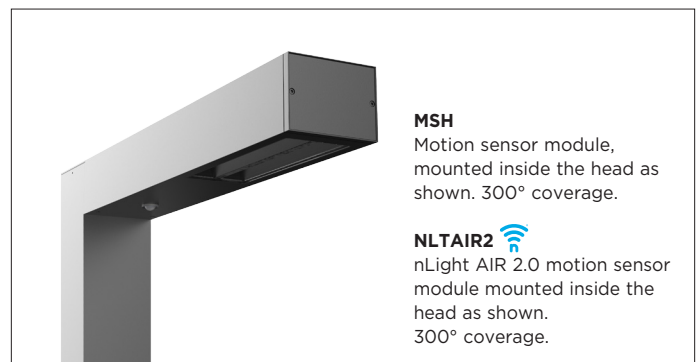
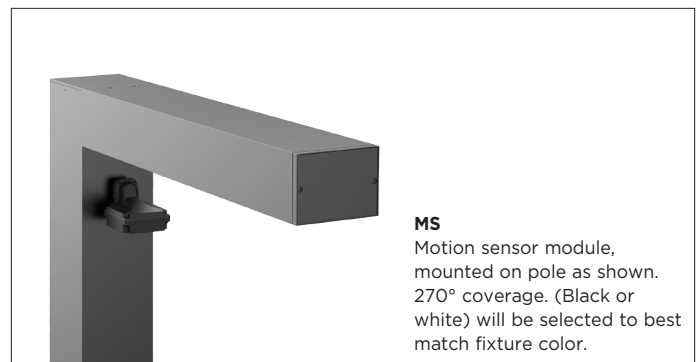
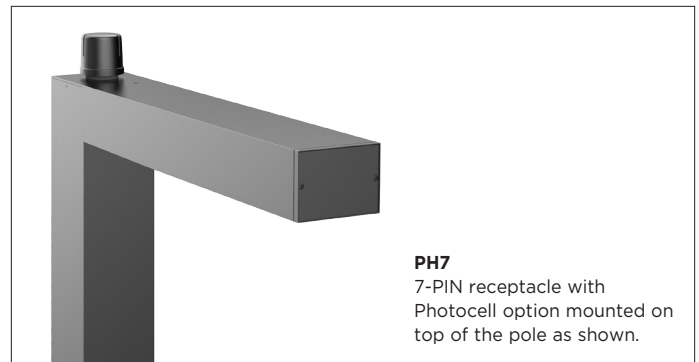
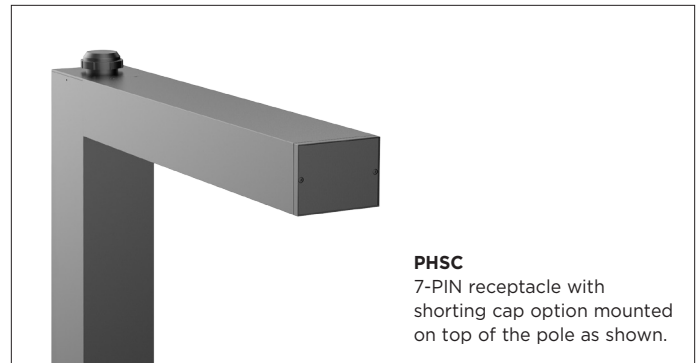
# BVG21/BVG31/BVG32 SERIES

## Bellevue - LED

### MOUNTING INFORMATION



### ELECTRICAL DETAILS



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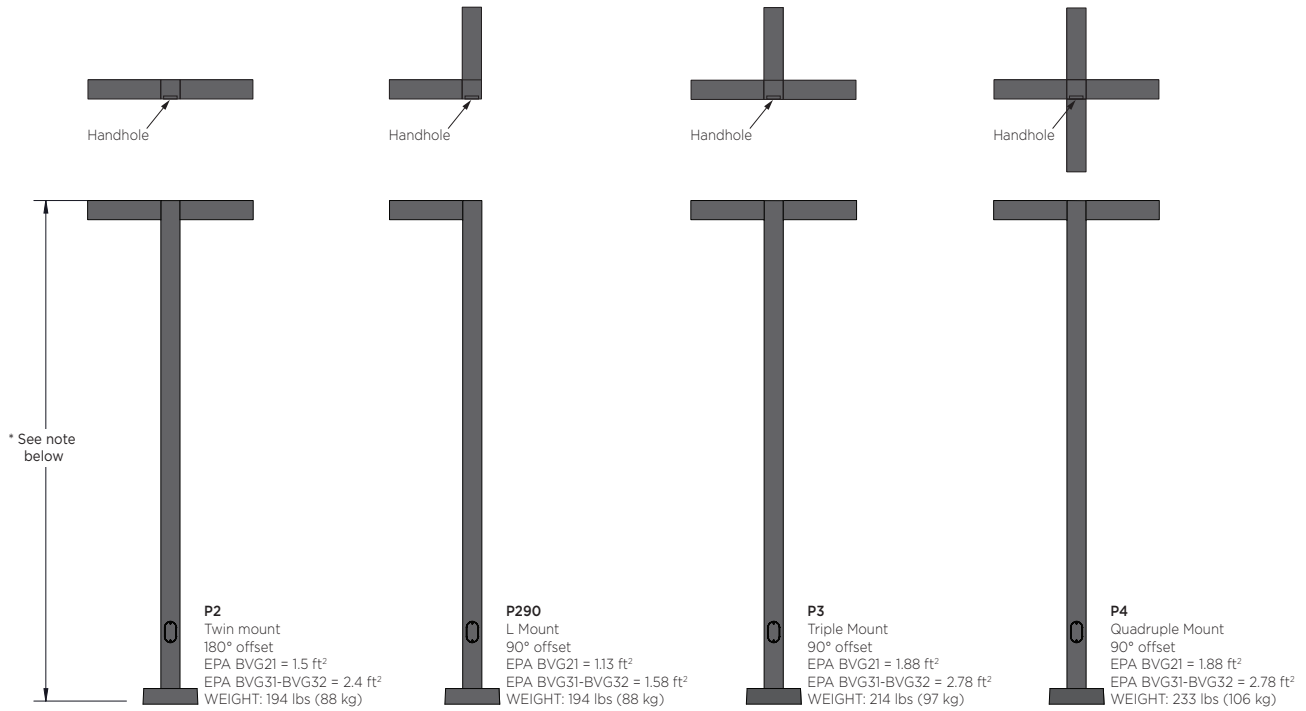
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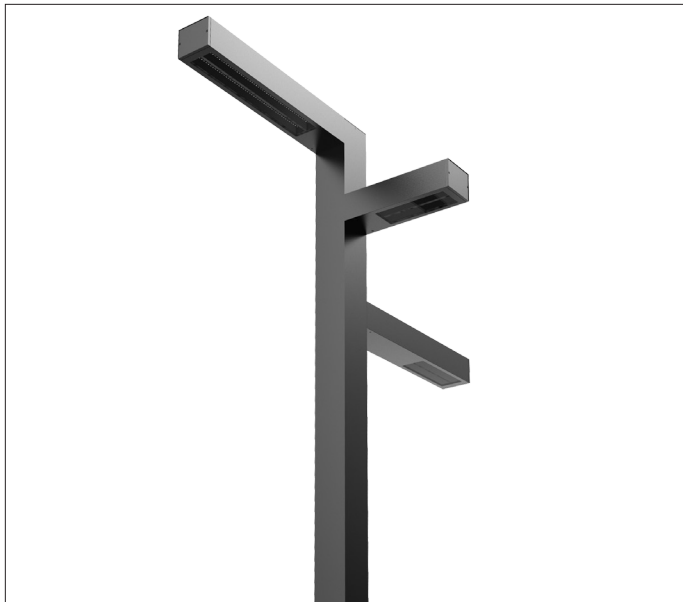
## Bellevue - LED

### POLE OPTIONS - MULTIPLE MOUNTINGS



\* Mounting configurations shown on this page are for 20ft height pole at 100mph wind. For different mounting configurations and wind zones please consult with factory and structural engineer. To specify these assemblies: Fixture quantity should be total number of fixture heads, and include the pole number and pole options. For 14' to 20' poles installed in Canada, consult factory.

#### PCST CUSTOM CONFIGURATION (See separate order form for details)



#### T15 15° tilt in arm



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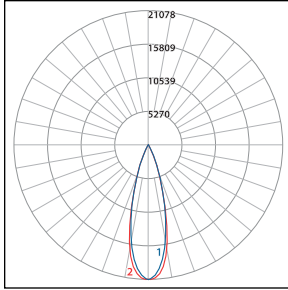
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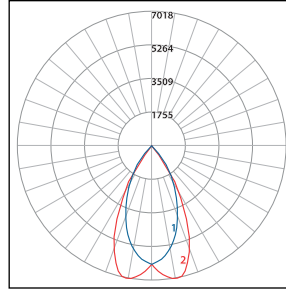
# BVG21/BVG31/BVG32 SERIES

## Bellevue - LED

### TYPICAL PHOTOMETRY SUMMARY



BVG32-L4L60-R22  
 Total Lms: 5983 Lumens  
 Total Input Watts: 65 W  
 Efficacy: 92 Lumens/Watt  
 BUG: B4-U0-G0  
 CCT/CRI: 4000K/80CRI  
 Maximum Candela: 21082 @ 92.5°H/1°V



BVG32-L4L60-R55  
 Total Lms: 5425 Lumens  
 Total Input Watts: 65 W  
 Efficacy: 83 Lumens/Watt  
 BUG: B3-U0-G0  
 CCT/CRI: 4000K/80CRI  
 Maximum Candela: 7024 @ 90°H/10°V

Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. formatted download data.

