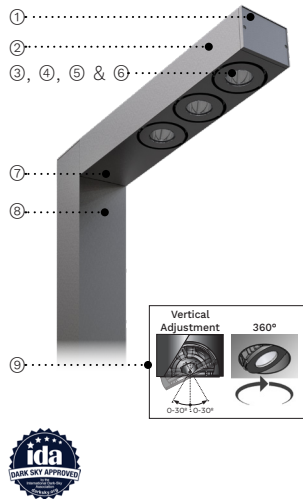


PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Front cover constructed of corrosion resistant cast aluminum.
- ② 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
- ③ Sealed cast aluminum light assembly.
- ④ Sealed cast aluminum lens frame.
- ⑤ Clear tempered glass.
- ⑥ Faceted specular aluminum reflector.
- ⑦ Heavy gauge steel mounting plate with leveling adjustment (5° total).
- ⑧ 6" (152mm) x 6" (152mm) 6061-T6 aluminum pole. 0.25" thick. All stainless steel hardware.
- ⑨ LED module is designed with a tilting mechanism allowing forward and back light adjustability. The $\pm 30^\circ$ directional module allows to aim the light beam in the desired direction. Fully adjustable 360° rotation. Each module can be adjusted independently.



BVS21



BVS32



BVS33

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%. The sealed LED light module is designed for optimal heat dissipation, and lighting performance. The back cast aluminum cover includes ventilation slots allowing air circulation and cooling of assembly.

ELECTRICAL DRIVER

Driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%). Optional 347/480V, operating temperatures of $-40^\circ\text{C}/-40^\circ\text{F}$ to $55^\circ\text{C}/131^\circ\text{F}$, output over voltage protection, output over current protection, output short circuit protection with auto-recovery. Driver is mounted in the pole top cap.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K at 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional Amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

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

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C . Actual performance may differ as a result of end-user environment and application.

WARRANTY

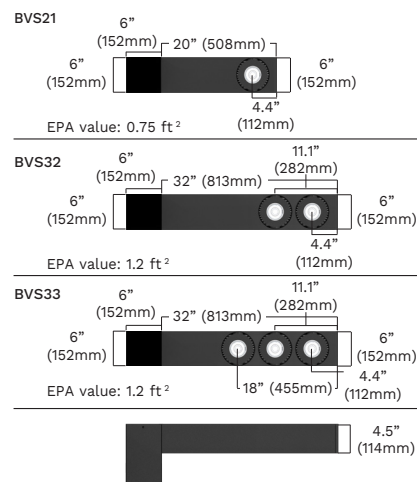
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

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 mounting details.

MEASUREMENTS

Maximum weight: 23 lbs (10.4 kg)




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BVS21/BVS32/BVS33

Rev. 04/25/25

ORDERING CODE - FIXTURE HEAD

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ⁴	*VOLTAGE	MOUNTING
BVS21 	<u>Static White</u> L1L15 1481 lm / 14w L1L25 2386 lm / 24w L1L35 3373 lm / 36w <u>True Amber</u> L1LK2A 249 lm / 10w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs	NR Narrow optic 15° FLD Flood Optic 30° VWD Very wide optic 52°	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	120 120V 277 277V 347 347V 480 480V MVOLT 120V-277V HVOLT 347V-480V	T15 Arm mounted at 15° tilt ⁵
	<u>Very Narrow Distribution</u> L1L15NR 1409 lm / 24w ² Delivered lumens calculated at 4000K/80CRI. VNR optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs	VNR Very narrow optic 9° ³			

LENS/DIFFUSER	LOUVERS	*FINISH	ENVIRONMENT
LSL Linear spread lens SL Solite lens ⁶	HL Hexcell louver ⁷	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁸ RAL RAL color ⁹	MG Marine grade paint ¹⁰

NOTES

*- Denotes a required field

1- Available only with AMB. Not available with 347, 480 or HVOLT.

2- Available only with VNR distribution option. Not available with 27K, 35K, AMB.

3- Field angle 18°.

4- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.

6- Lumen conversion factor (LCF) 0.9.

7- Lumen conversion factor (LCF) 0.6. Not available with VWD.

8- Contact factory to coordinate custom matching color.

9- Specify RAL number.


10- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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BVS21/BVS32/BVS33
Rev. 04/25/25

ORDERING CODE - FIXTURE HEAD

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ⁴	*VOLTAGE	MOUNTING
BVS32 	<u>Static White</u> L2L15 2922 lm / 27w L2L25 4767 lm / 48w L2L35 6753 lm / 72w <u>True Amber</u> L2LK2A 499 lm / 19w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs	NR Narrow optic 15° FLD Flood Optic 30° VWD Very wide optic 52°	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	120 120V 277 277V 347 347V 480 480V MVOLT 120V-277V HVOLT 347V-480V	T15 Arm mounted at 15° tilt ⁵
	<u>Very Narrow Distribution</u> L2L15NR 2818 lm / 47w ² Delivered lumens calculated at 4000K/80CRI. VNR optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs	VNR Very narrow optic 9° ³			

LENS/DIFFUSER	LOUVERS	*FINISH	ENVIRONMENT
LSL Linear spread lens SL Solite lens ⁶	HL Hexcell louver ⁷	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁸ RAL RAL color ⁹	MG Marine grade paint ¹⁰


NOTES

- *- Denotes a required field
- 1- Available only with AMB. Not available with 347, 480 or HVOLT.
- 2- Available only with VNR distribution option. Not available with 27K, 35K, AMB.
- 3- Field angle 18°.
- 4- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
- 5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.
- 6- Lumen conversion factor (LCF) 0.9.
- 7- Lumen conversion factor (LCF) 0.6. Not available with VWD.
- 8- Contact factory to coordinate custom matching color.
- 9- Specify RAL number.
- 10- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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ORDERING CODE - FIXTURE HEAD

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ⁴	*VOLTAGE	MOUNTING
BVS33 	<u>Static White</u> L3L15 4383 lm / 41w L3L25 7151 lm / 71w L3L30 8630 lm / 89w <u>True Amber</u> L3LK2A 748 lm / 28w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	NR Narrow optic 15° FLD Flood Optic 30° VWD Very wide optic 52°	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	120 120V 277 277V 347 347V 480 480V MVOLT 120V-277V HVOLT 347V-480V	T15 Arm mounted at 15° tilt ⁵
	<u>Very Narrow Distribution</u> L3L15NR 3631 lm / 58w ² Delivered lumens calculated at 4000K/80CRI. VNR optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	VNR Very narrow optic 9° ³			

LENS/DIFFUSER	LOUVERS	*FINISH	ENVIRONMENT
LSL Linear spread lens SL Solite lens ⁶	HL Hexcell louver ⁷	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁸ RAL RAL color ⁹	MG Marine grade paint ¹⁰

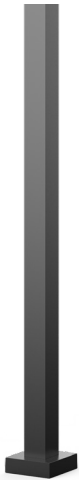
NOTES

- *- Denotes a required field
- 1- Available only with AMB. Not available with 347, 480 or HVOLT.
- 2- Available only with VNR distribution option. Not available with 27K, 35K, AMB.
- 3- Field angle 18°.
- 4- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
- 5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.
- 6- Lumen conversion factor (LCF) 0.9.
- 7- Lumen conversion factor (LCF) 0.6. Not available with VWD.
- 8- Contact factory to coordinate custom matching color.
- 9- Specify RAL number.
- 10- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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ORDERING CODE - POLE

*SERIES	*POLE HEIGHT	*MOUNTING CONFIGURATION ¹	*VOLTAGE	CONTROLS	FUSE
BVP6 	10FT 10'	P1BV One fixture head	120 120V	NLTMS nLight AIR 2.0 motion sensor mounted on pole ²	FS Fuse
	12FT 12'	P1BVT15 One fixture head with 15° tilt	277 277V		
	14FT 14'		347 347V		
	16FT 16'	P290BV Two fixture heads at 90°	480 480V		
	18FT 18'	P2BV Two fixture heads at 180°	MVOLT 120V-277V		
	20FT 20'	P3BV Three fixture heads at 90°	HVOLT 347V-480V		
		P4BV Four fixture heads			

PHOTOCELL	SURGE PROTECTOR	GFI	*FINISH	WOOD FINISHES ⁸
PH7P 7-PIN receptacle with photocell sensor on pole PHSP 7-PIN receptacle with default shorting cap on pole	SP Surge protector 10kV	CGF Circuit ground fault interruption receptacle with clear in-use cover ^{3,4,5} GFI Circuit ground fault interruption receptacle ^{3,4}	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁶ RAL RAL color ⁷	ADG American douglas BRC Birch CHN Chestnut CRY Cherry KNP Knotty pine MPL Maple OFL Oak RSW Rosewood TEK Teak WLN Walnut

ENVIRONMENT	LESS ANCHOR BOLTS	TERRITORY COMPLIANCE
MG Marine grade paint ⁹	L/AB Less anchor bolts	CSA CSA approved ¹⁰

NOTES

- *- Denotes a required field
- 1- For multiple mounting please verify with your local wind zone and with a recognized authority.
- 2- Must link to external nLight Air network.
- 3- GFI and CGF are installed 30" above grade on access door side.
- 4- GFI and CGF requires 120V feed.
- 5- CGF cover protrudes by 3.62" (92mm).
- 6- Contact factory to coordinate custom matching color.
- 7- Specify RAL number.
- 8- Faux wood finish not applied to the fixture head, base cover or hand-hole. Additional delay required. Not compatible with marine grade paint.
- 9- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
- 10- For Canadian projects, required for poles above 12FT.

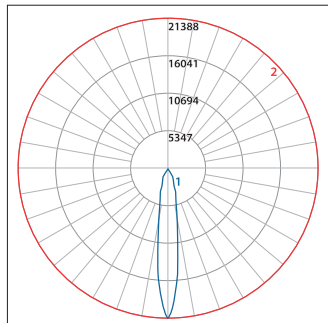
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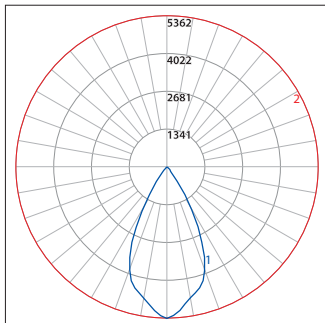
TYPICAL PHOTOMETRY SUMMARY

BVS21-L1L35-NR



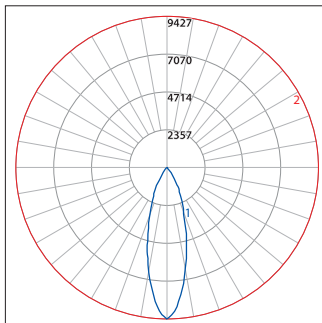
Total Lms: 3368 Lumens
Total Input Watts: 36 W
Efficacy: 93 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 21388 @ 0°/0°V

BVS21-L1L35-VWD



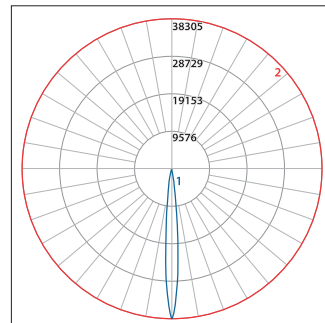
Total Lms: 3591 Lumens
Total Input Watts: 36 W
Efficacy: 100 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 5362 @ 0°/0°V

BVS21-L1L35-NR



Total Lms: 3374 Lumens
Total Input Watts: 36 W
Efficacy: 93 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 9427 @ 0°/0°V

BVS21-L1L35-VWD



Total Lms: 1409 Lumens
Total Input Watts: 24 W
Efficacy: 60 Lumens/Watt
BUG: B2-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 38305 @ 0°/0°V

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.983
4000K	80	1.00

All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

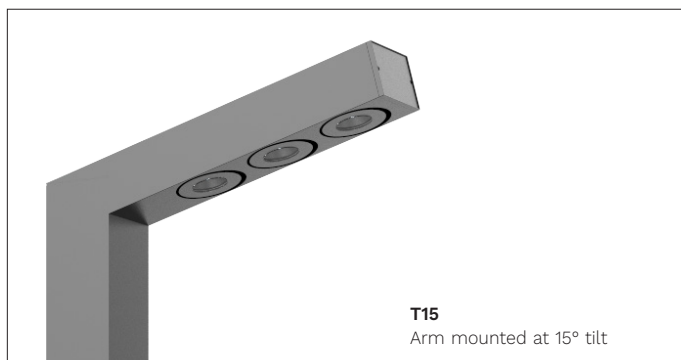
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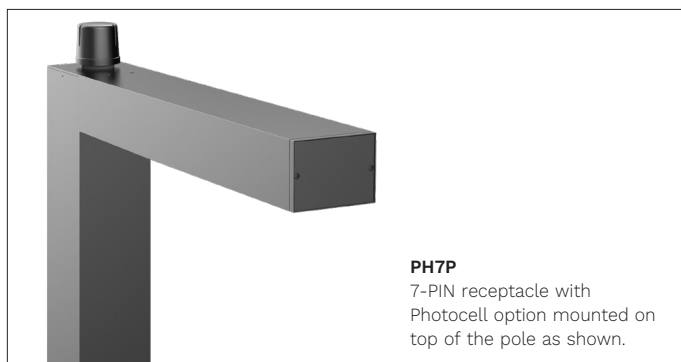
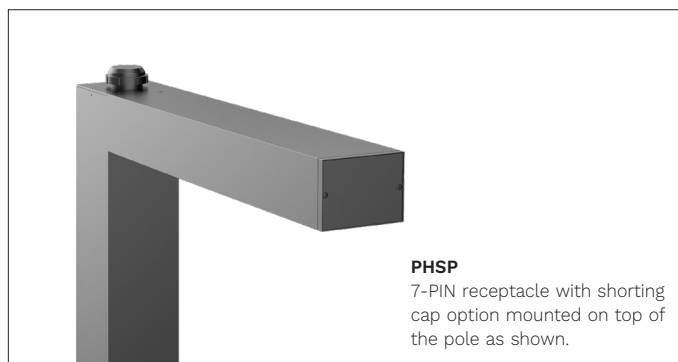
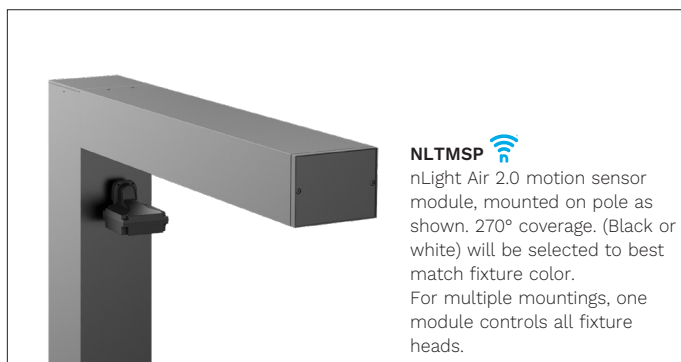
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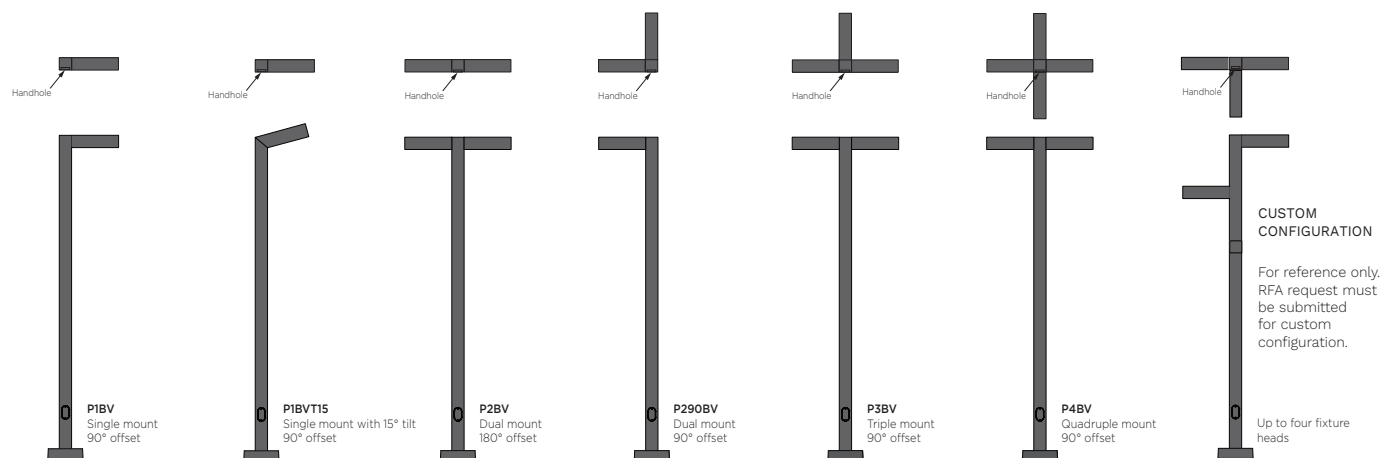
FIXTURE HEAD OPTION DETAILS



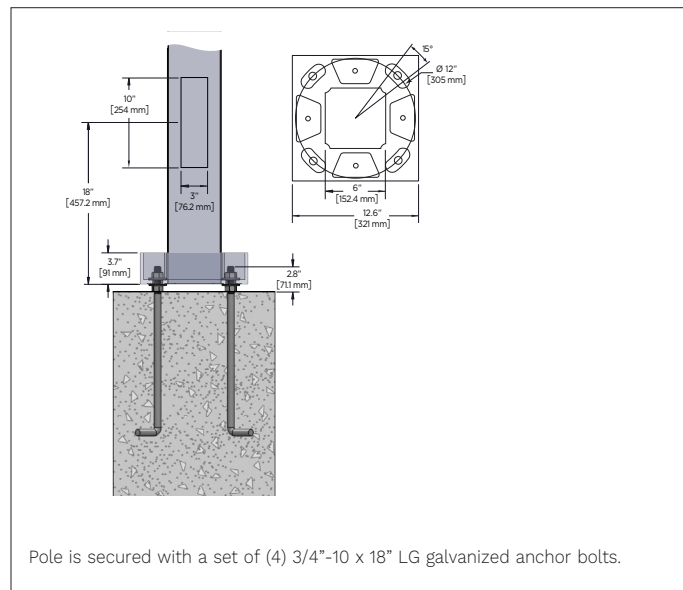
POLE OPTION DETAILS



POLE MOUNTING CONFIGURATIONS



POLE MOUNTING DETAILS



POLE WEIGHT

POLE HEIGHT (ft)	POLE WEIGHT (lb)
10	89.6
12	103.1
14	116.6
16	130.0
18	143.5
20	156.9