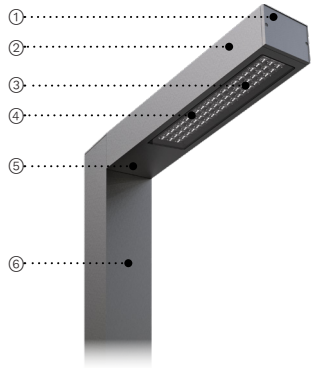


PROJECT NAME: _____ QUANTITY: _____ TYPE: _____

ORDERING CODE: _____



- ① Front cover constructed of corrosion resistant cast aluminum.
- ② 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
- ③ Modular LED boards with acrylic optics. 30 or 60 LEDs configurations available.
- ④ Clear tempered glass.
- ⑤ Heavy gauge steel mounting plate with leveling adjustment (5° total).
- ⑥ 6" (152mm) x 6" (152mm) 6061-T6 aluminum pole. 0.25" wall thickness. All stainless steel hardware.



BVA21

BVA31



BVA32



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%. LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of roadway optics.

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°C/-40°F to 55°C/131°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

Type II, III, IV or V light distribution via high performance optical lens. Offered in 2700K, 3000K, 3500K, 4000K CCT with 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: 584.5nm 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

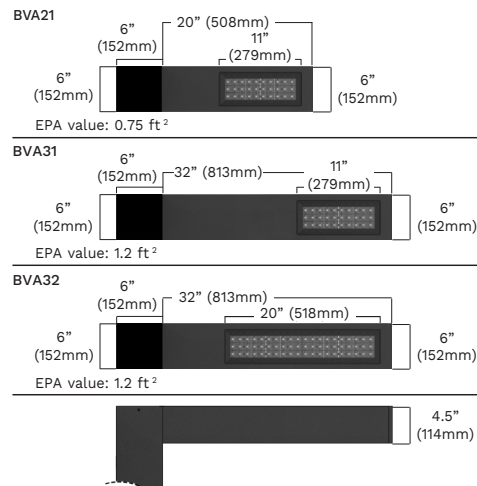
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

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: 21 lbs (9.5 kg)



LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
 260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

ORDERING CODE - FIXTURE HEAD


*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ²	*VOLTAGE
BVA21 	<u>Static White</u> L1L40 4186 lm / 36w L1L50 5240 lm / 46w L1L60 6259 lm / 57w L1L70 7245 lm / 68w <u>True Amber</u> L1LK2A 1845 lm / 14w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.	LD2 Type II LD3 Type III LD4 Type IV LD5 Type V	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

CONTROLS	MOUNTING	SHIELDING ACCESSORIES	*FINISH	ENVIRONMENT
NLTMSH nLight AIR 2.0 motion sensor integrated in head ^{3,4}	T15 Arm mounted at 15° tilt ⁵	HS House side shield ⁶	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 ⁷ RAL RAL color ⁸	MG Marine grade paint ⁹

NOTES

- *- Denotes a required field
- 1- Available only with AMB.
- 2- For IDA compliance certification, luminaire must be ordered with 3000K or warmer.
- 3- Must link to external nLight Air network.
- 4- Not available with PHSP or PH7P (option on pole).
- 5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.
- 6- Not available with LD5. Factory installed. Lumen conversion factor (LCF) 0.8.
- 7- Contact factory to coordinate custom matching color.
- 8- Specify RAL number.
- 9- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

ORDERING CODE - FIXTURE HEAD


*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ²	*VOLTAGE
BVA31 	<u>Static White</u> L1L40 4186 lm / 36w L1L50 5240 lm / 46w L1L60 6259 lm / 57w L1L70 7245 lm / 68w <u>True Amber</u> L1LK2A 1845 lm / 14w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.	LD2 Type II LD3 Type III LD4 Type IV LD5 Type V	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

CONTROLS	MOUNTING	SHIELDING ACCESSORIES	*FINISH	ENVIRONMENT
NLTMSH nLight AIR 2.0 motion sensor integrated in head ^{3,4}	T15 Arm mounted at 15° tilt ⁵	HS House side shield ⁶	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 ⁷ RAL RAL color ⁸	MG Marine grade paint ⁹

NOTES

- *- Denotes a required field
- 1- Available only with AMB.
- 2- For IDA compliance certification, luminaire must be ordered with 3000K or warmer.
- 3- Must link to external nLight Air network.
- 4- Not available with PHSP or PH7P (option on pole).
- 5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.
- 6- Not available with LD5. Factory installed. Lumen conversion factor (LCF) 0.8
- 7- Contact factory to coordinate custom matching color.
- 8- Specify RAL number.
- 9- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

ORDERING CODE - FIXTURE HEAD


*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ²	*VOLTAGE
BVA32 	<u>Static White</u> L2L80 8372 lm / 75w L2L100 10479 lm / 93w L2L120 12518 lm / 114w L2L140 14490 lm / 136w <u>True Amber</u> L2LK2A 3689 lm / 28w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.	LD2 Type II LD3 Type III LD4 Type IV LD5 Type V	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

CONTROLS	MOUNTING	SHIELDING ACCESSORIES	*FINISH	ENVIRONMENT
NLTMSH nLight AIR 2.0 motion sensor integrated in head ^{3,4}	T15 Arm mounted at 15° tilt ⁵	HS House side shield ⁶	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 ⁷ RAL RAL color ⁸	MG Marine grade paint ⁹

NOTES

- *- Denotes a required field
- 1- Available only with AMB.
- 2- For IDA compliance certification, luminaire must be ordered with 3000K or warmer.
- 3- Must link to external nLight Air network.
- 4- Not available with PHSP or PH7P (option on pole).
- 5- Distribution of the illumination will be affected by the angle. T15 pole angled top cover only with single head configuration.
- 6- Not available with LD5. Factory installed. Lumen conversion factor (LCF) 0.8
- 7- Contact factory to coordinate custom matching color.
- 8- Specify RAL number.
- 9- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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'	P290BV Two fixture heads at 90°	347 347V		
	16FT 16'		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	SP Surge protector 10kV	CGF Circuit ground fault interruption receptacle with clear in-use cover ^{3,4,5}	BKT Jet black	ADG American douglas
PHSP 7-PIN receptacle with default shorting cap on pole		GFI Circuit ground fault interruption receptacle ^{3,4}	BZT Bronze	BRC Birch
			CHT Champagne	CHN Chestnut
			DGT Gun metal	CRY Cherry
			GRT Titanium gray	KNP Knotty pine
			MST Matte silver	MPL Maple
			SGT Steel gray	OFL Oak
			WHT Snow white	RSW Rosewood
			CMC Custom matched color ⁶	TEK Teak
			RAL RAL color ⁷	WLN Walnut

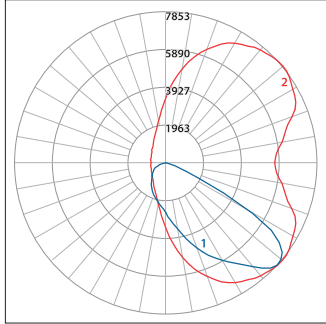
ENVIRONMENT	LESS ANCHOR BOLTS	CSA
MG Marine grade paint ⁹	L/AB Less anchor bolts	CSA CSA approved ¹⁰

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.

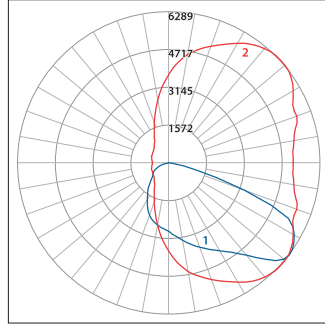
TYPICAL PHOTOMETRY SUMMARY

BVA21-L1L70-LD2



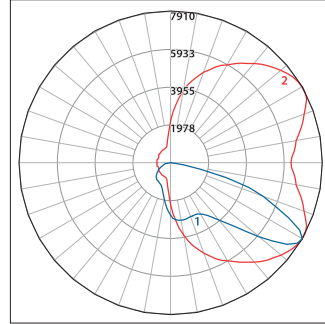
Total Lms: 7011 Lumens
Total Input Watts: 68 W
BUG: B1-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3945 @ 38°/48°V

BVA21-L1L70-LD3



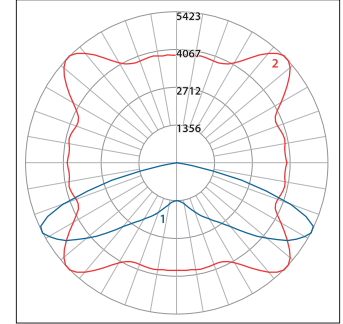
Total Lms: 7011 Lumens
Total Input Watts: 68 W
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3161 @ 42°/52°V

BVA21-L1L70-LD4



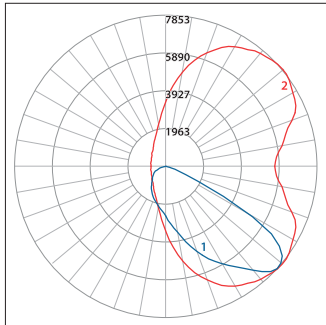
Total Lms: 6542 Lumens
Total Input Watts: 68 W
BUG: B1-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3975 @ 30°/60°V

BVA21-L1L70-LD5



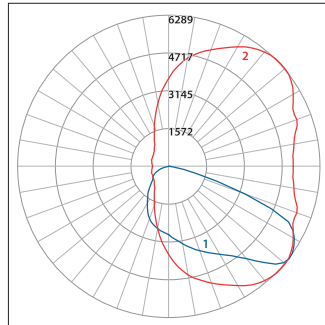
Total Lms: 7245 Lumens
Total Input Watts: 68 W
BUG: B3-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2724 @ 135°/62°V

BVA31-L1L70-LD2



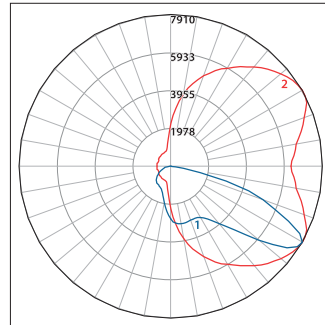
Total Lms: 7011 Lumens
Total Input Watts: 68 W
BUG: B1-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3945 @ 38°/48°V

BVA31-L1L70-LD3



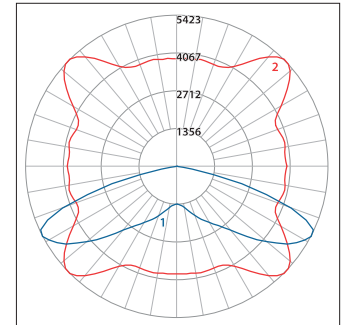
Total Lms: 7011 Lumens
Total Input Watts: 68 W
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3161 @ 42°/52°V

BVA31-L1L70-LD4



Total Lms: 6542 Lumens
Total Input Watts: 68 W
BUG: B1-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3975 @ 30°/60°V

BVA31-L1L70-LD5

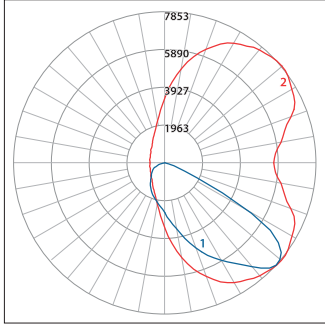


Total Lms: 7245 Lumens
Total Input Watts: 68 W
BUG: B3-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2724 @ 135°/62°V

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

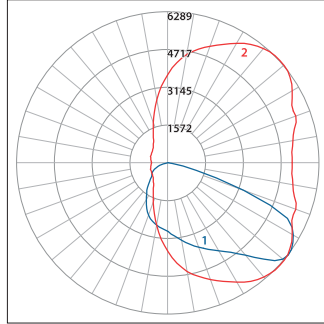
TYPICAL PHOTOMETRY SUMMARY

BVA32-L2L140-LD2



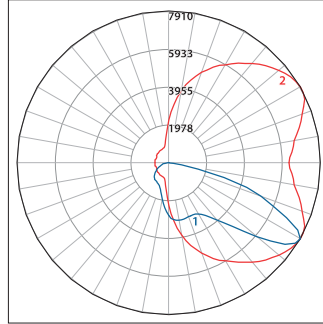
Total Lms: 14022 Lumens
Total Input Watts: 136 W
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 7889 @ 38°/48°V

BVA32-L2L140-LD3



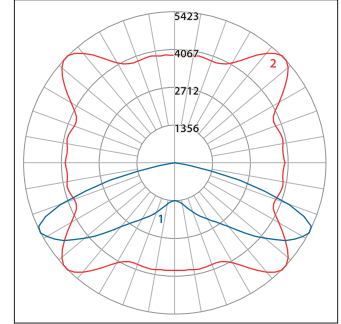
Total Lms: 14022 Lumens
Total Input Watts: 136 W
BUG: B3-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 6322 @ 42°/52°V

BVA32-L2L140-LD4



Total Lms: 13085 Lumens
Total Input Watts: 136 W
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 1950 @ 30°/60°V

BVA32-L2L140-LD5

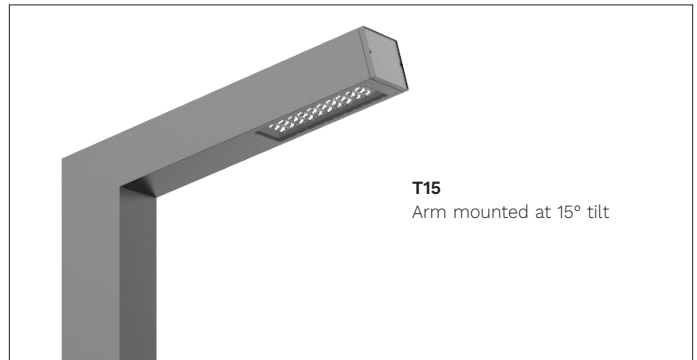


Total Lms: 14490 Lumens
Total Input Watts: 136 W
BUG: B4-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 5449 @ 135°/62°V

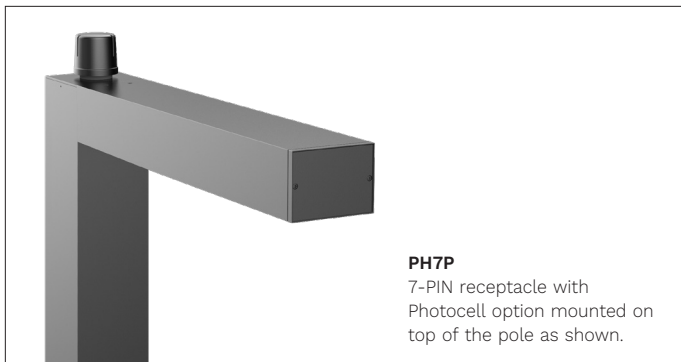
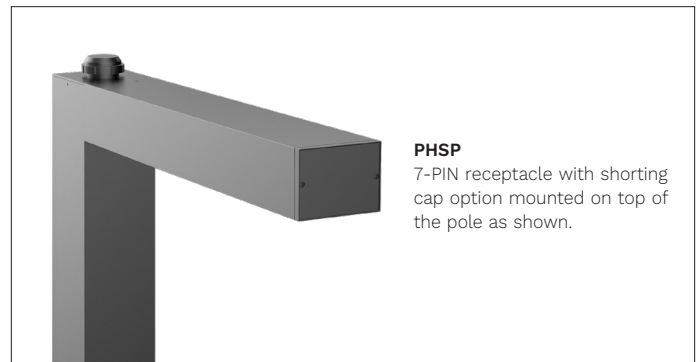
LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

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

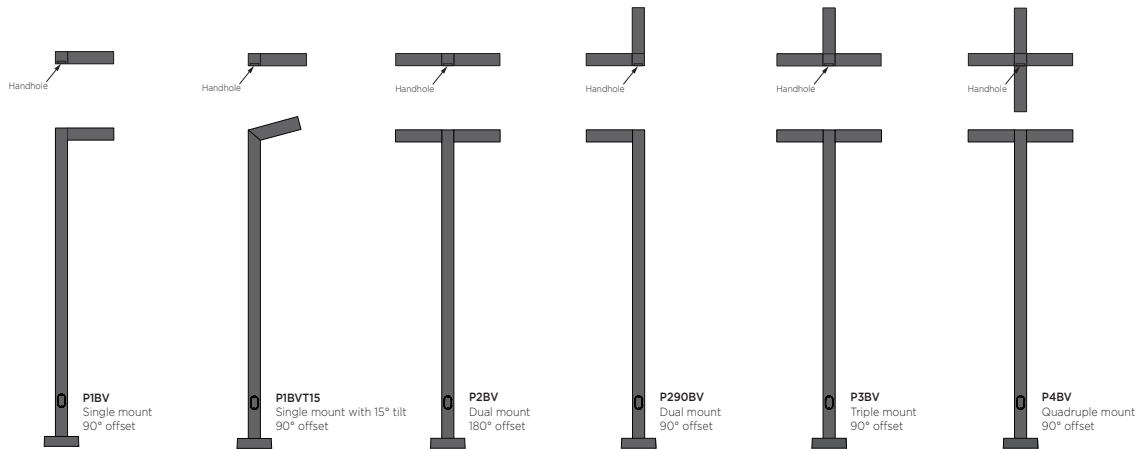
FIXTURE HEAD OPTION DETAILS



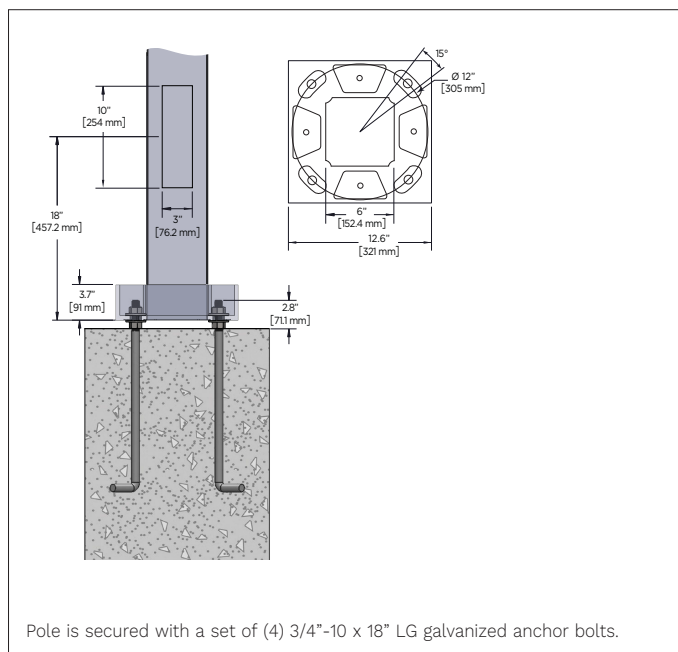
POLE OPTION DETAILS



POLE MOUNTING CONFIGURATIONS

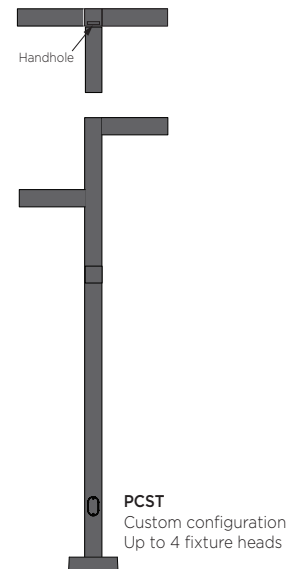


POLE MOUNTING DETAILS



CUSTOM CONFIGURATION

*For reference only. RFA request must be submitted for custom configuration.



REFERENCE TABLE - LIGHT OUTPUT

SERIES	LIGHT OUTPUT - STATIC WHITE	LIGHT OUTPUT - TRUE AMBER
BVA21-BVA31	<u>Type II</u>	<u>Type II</u>
	L1L40 4051 lm / 36w	L1LK2A 1785 lm / 14w
	L1L50 5070 lm / 46w	
	L1L60 6056 lm / 57w	<u>Type III</u>
	L1L70 7011 lm / 68w	L1LK2A 1785 lm / 14w
	<u>Type III</u>	<u>Type IV</u>
	L1L40 4051 lm / 36w	L1LK2A 1666 lm / 14w
	L1L50 5070 lm / 46w	
	L1L60 6056 lm / 57w	
	L1L70 7011 lm / 68w	
	<u>Type IV</u>	
	L1L40 3780 lm / 36w	
	L1L50 4731 lm / 46w	
	L1L60 5652 lm / 57w	
	L1L70 6542 lm / 68w	
	BVA32	<u>Type II</u>
L2L80 8102 lm / 75w		L2LK2A 3570 lm / 28w
L2L100 10141 lm / 93w		
L2L120 12113 lm / 114w		<u>Type III</u>
L2L140 14022 lm / 136w		L2LK2A 3570 lm / 28w
<u>Type III</u>		<u>Type IV</u>
L2L80 8102 lm / 75w		L2LK2A 3331 lm / 28w
L2L100 10141 lm / 93w		
L2L120 12113 lm / 114w		
L2L140 14022 lm / 136w		
<u>Type IV</u>		
L2L80 7560 lm / 75w		
L2L100 9463 lm / 93w		
L2L120 11304 lm / 114w		
L2L140 13085 lm / 136w		