PROJECT NAME: **QUANTITY:**   **TYPE:**
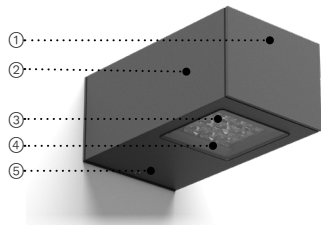
ORDERING CODE:

① Front cover constructed of corrosion resistant aluminum.

② 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.

③ Available in configurations of 9 LEDs or 18 LEDs.

④ Clear tempered glass.

⑤ All stainless steel hardware.

BVA11W

BVA12W

MATERIALS

Bellevue wall mount is made of 6063-T6 extruded aluminum alloy. 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 IES type distribution. The driver is mounted inside the fixture for ease of maintenance.

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.

LED LIGHT ENGINE

Type I, II, III, IV light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K / 80 CRI. 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 true 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. Rated IK10. 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.luminis.com/technical/warranty/
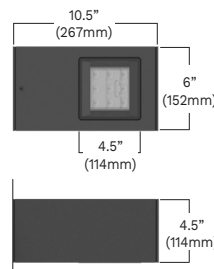
MOUNTING

Bellevue wall mount is designed for ease of access and installation. The head is secured on a mounting plate by one set screw. The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box. Fixture lighting must point to the ground at all time.

MEASUREMENTS

Maximum weight: 11 lbs (5.0 kg)

BVA11W

10.5" (267mm)
6" (152mm)
4.5" (114mm)
4.5" (114mm)

BVA12W

14" (356mm)
6" (152mm)
8" (203mm)
4.5" (114mm)

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Rev. 02/09/24

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*SERIES	*LIGHT OUTPUT		*DISTRIBUTION		*CCT[2]		*VOLTAGE		CONDUIT COVER	
BVA11W	Static White		LD1	Type I	27K	2700K	120	120V	SWK	Decorative cover for 3/4" conduit junction box
	L1L10	904 lm / 11w	LD2	Type II	30K	3000K	277	277V		
	L1L16	1384 lm / 19w	LD3	Type III	35K	3500K	347	347V		
	L1L24	1976 lm / 30w	LD4	Type IV	40K	4000K	480	480V		
	True Amber				AMB	Wavelengths: 585nm to 597nm	HVOLT	347V-480V		
	L1LK2A	262 lm / 8w[1]					MVOLT	120V-277V		

Delivered lumens calculated at 4000K/80CRI except for amber. Type IV distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.

FUSE		PHOTOCELL		SURGE PROTECTOR		*FINISH		ENVIRONMENT	
FS	Fuse	PH	Photocell[3]	SP	Surge protector 10kV	BKT	Jet black	MG	Marine grade paint[6]
						BZT	Bronze	NT	Natatorium suitable[7]
						CHT	Champagne		
						DGT	Gun metal		
						GRT	Titanium gray		
						MST	Matte silver		
						SGT	Steel gray		
						WHT	Snow white		
						CMC	Custom matched color[4]		
						RAL	RAL color[5]		

NOTES

*- Denotes a required field
1- Available only with AMB option.
2- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
3- Not available with 480 or HVOLT.

4- Contact factory to coordinate custom matching color.
5- Specify RAL number.
6- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
7- Only available in WHT and BKT.

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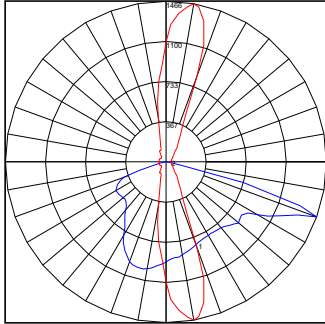| *SERIES	*LIGHT OUTPUT		*DISTRIBUTION		*CCT[2]		*VOLTAGE		CONDUIT COVER	
BVA12W	Static White		LD1	Type I	27K	2700K	120	120V	SWK	Decorative cover for 3/4" conduit junction box
	L2L26	2218 lm / 29w	LD2	Type II	30K	3000K	277	277V		
	L2L34	2769 lm / 38w	LD3	Type III	35K	3500K	347	347V		
	L2L40	3186 lm / 46w	LD4	Type IV	40K	4000K	480	480V		
	True Amber				AMB	Wavelengths: 585nm to 597nm	HVOLT	347V-480V		
	L2LK2A	524 lm / 16w[1]					MVOLT	120V-277V		
	Delivered lumens calculated at 4000K/80CRI except for amber. Type IV distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.									

FUSE		PHOTOCELL		SURGE PROTECTOR		*FINISH		ENVIRONMENT	
FS	Fuse	PH	Photocell[3]	SP	Surge protector 10kV	BKT	Jet black	MG	Marine grade paint[6]
						BZT	Bronze	NT	Natatorium suitable[7]
						CHT	Champagne		
						DGT	Gun metal		
						GRT	Titanium gray		
						MST	Matte silver		
						SGT	Steel gray		
						WHT	Snow white		
						CMC	Custom matched color[4]		
						RAL	RAL color[5]		

NOTES

*-   Denotes a required field
1-   Available only with AMB option.
2-   For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
3-   Not available with 480 or HVOLT.

4-   Contact factory to coordinate custom matching color.
5-   Specify RAL number.
6-   Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
7-   Only available in WHT and BKT.

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TYPICAL PHOTOMETRY SUMMARY

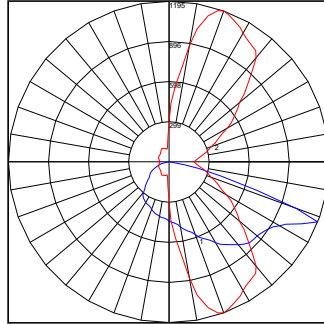### BVA11W-L1L24-LD1

Total Lms: 2635 Lumens
Total Input Watts: 30.5 W
Efficacy: 87 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
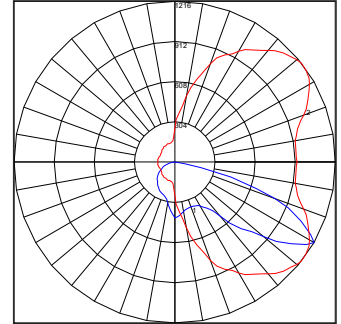**Maximum Candela:** 1466 @ 80°H/70°V

BVA11W-L1L24-LD2
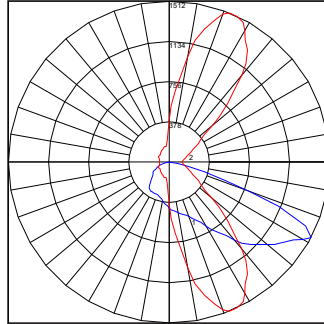
Total Lms: 2345 Lumens
Total Input Watts: 30.5 W
Efficacy: 77 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 1512 @ 68°H/62°V
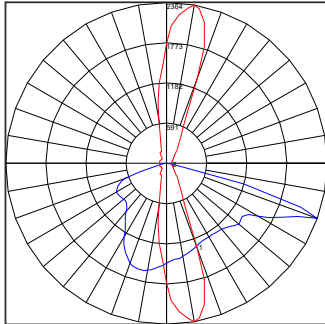
BVA11W-L1L24-LD3

Total Lms: 2145 Lumens
Total Input Watts: 30.5 W
Efficacy: 70 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 1195 @ 70°H/68°V
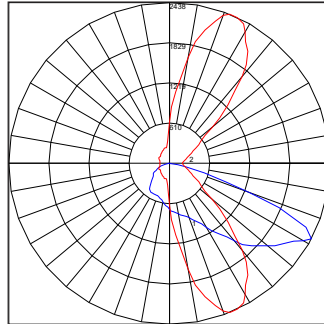
BVA11W-L1L24-LD4

Total Lms: 1976 Lumens
Total Input Watts: 30.5 W
Efficacy: 65 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1216 @ 38°H/60°V

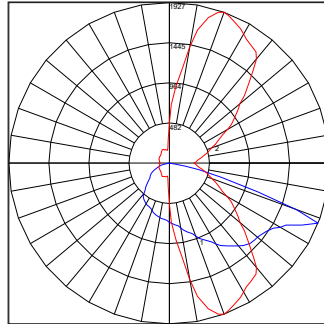### BVA12W-L2L40-LD1

Total Lms: 4274 Lumens
Total Input Watts: 46.3 W
Efficacy: 92 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2364 @ 80°H/70°V
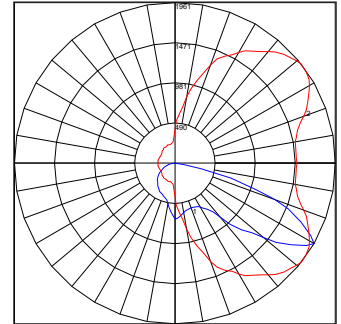
BVA12W-L2L40-LD2

Total Lms: 3780 Lumens
Total Input Watts: 46.3 W
Efficacy: 81 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2438 @ 68°H/62°V

BVA12W-L2L40-LD3

Total Lms: 3445 Lumens
Total Input Watts: 46.3 W
Efficacy: 75 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1927 @ 70°H/68°V

BVA12W-L2L40-LD4

Total Lms: 3186 Lumens
Total Input Watts: 46.3 W
Efficacy: 69 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1961 @ 38°H/60°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.

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REFERENCE TABLE - LIGHT OUTPUT

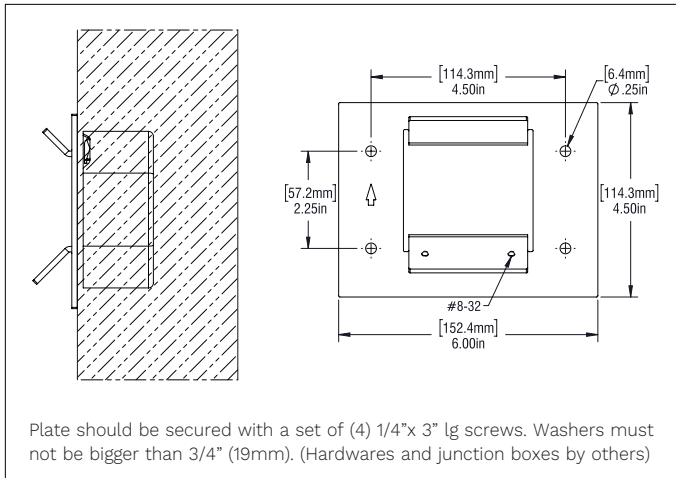| SERIES	LIGHT OUTPUT - STATIC WHITE		LIGHT OUTPUT - TRUE AMBER	
BVA11W	Type I		Type I	
	L1L10	1205 lm / 11w	L1LK2A	349 lm / 8w
	L1L16	1846 lm / 19w		
	L1L24	2635 lm / 30w	Type II	
			L1LK2A	311 lm / 8w
	Type II			
	L1L10	1072 lm / 11w	Type III	
	L1L16	1643 lm / 19w	L1LK2A	283 lm / 8w
	L1L24	2345 lm / 30w		
	Type III			
	L1L10	977 lm / 11w		
	L1L16	1497 lm / 19w		
	L1L24	2137 lm / 30w		
BVA12W	Type I		Type II	
	L2L26	2957 lm / 29w	L2LK2A	698 lm / 16w
	L2L34	3692 lm / 38w		
	L2L40	4248 lm / 46w	Type III	
			L2LK2A	621 lm / 16w
	Type II			
	L2L26	2632 lm / 29w	Type IV	
	L2L34	3285 lm / 38w	L2LK2A	566 lm / 16w
	L2L40	3780 lm / 46w		
	Type III			
	L2L26	2398 lm / 29w		
	L2L34	2994 lm / 38w		
	L2L40	3445 lm / 46w		

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MOUNTING DETAILS

[114.3mm] 4.50in
[6.4mm] Ø .25in
[57.2mm] 2.25in
[114.3mm] 4.50in
#8-32
[152.4mm] 6.00in

Plate should be secured with a set of (4) 1/4"x 3" lg screws. Washers must not be bigger than 3/4" (19mm). (Hardwares and junction boxes by others)

OPTION DETAILS

PH
Button-size photocell mounted on top of the fixture as shown. Instant turn-on, standard 5-10 second turn-off time delay.

[46.7mm] 1.84in

SWK
Surface wall mounting option with 3/4" NPT conduit adaptor. (Conduit and adaptor by others) Supplied with 5x18AWG/36" lg. wiring (longer wires to be specified).

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