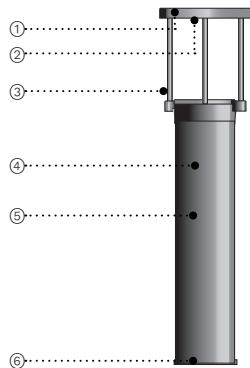


PROJECT NAME: QUANTITY: TYPE:

ORDERING CODE:



- ① Heavy cast aluminum top cover with integral LED heat dissipating pad.
- ② LED light engine.
- ③ Set of Ø 4 x 1/2" (13mm) aluminum struts.
- ④ LED electronic driver.
- ⑤ Ø 6" (152mm) extruded aluminum base.
- ⑥ Cast aluminum anchor plate.



EC620



MATERIALS

Eclipse Mini is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED light engine is thermally and mechanically secured to a cast aluminum cover integrating a heat dissipation pad to optimize light performance.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), optional 347V, minimum operating temperature of -30°C/-22°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110°C).

LED LIGHT ENGINE

Type II, III & V light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K with 80 CRI. Removable modular LED platform. 70% LED lumen maintenance at 60,000 hours (L70/60,000) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true 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 IP55. 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.

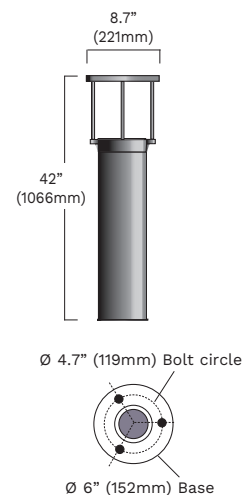
WARRANTY

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

Mounts with a set of 3 x 1/2"-13 x 18" lg. galvanized anchor bolts.

MEASUREMENTS



ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ⁴	*VOLTAGE	SHADE	LOUVER
EC620 	<u>Static White</u>	LD2 Type II ²	27K 2700K	120 120V	SH1 Ø12" shade	LV3 3 aluminum louvers ⁶
	L1L10 1319 lm / 13w	LD3 Type III ³	30K 3000K	277 277V	SH4 Four Ø12" shades ⁵	
	L1L20 1825 lm / 19w	LD5 Type V	35K 3500K	347 347V		
	L1L30 3214 lm / 34w		40K 4000K	480 480V		
	L1L40 4646 lm / 50w			HVOLT 347V-480V		
				MVOLT 120V-277V		
	<u>True Amber</u>					
	L1LK2A 376 lm / 11w ¹					
Delivered lumens calculated at 4000K/80CRI for static white. Type V distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.						

BOLLARD HEIGHT	FUSE	PHOTOCELL	GFI		EMERGENCY
PR6 Optional pedestal mount adaptor. OAH 19". ⁷	FS Fuse	PH Photocell	CGF Circuit ground fault interruption receptacle with clear in-use cover ^{8,9}		EM7 7W integral emergency battery, 90 min ¹⁰
			GFI Circuit ground fault interruption receptacle ⁸		REM7 Remote emergency battery, 90 min, 7W ¹¹

SHIELDING ACCESSORIES	*FINISH	WOOD FINISH ¹⁵	ENVIRONMENT	LESS ANCHOR BOLTS
BLC Back light control ¹²	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 ¹³ RAL RAL color ¹⁴	ADG American douglas BRC Birch CHN Chestnut CRY Cherry KNP Knotty pine MPL Maple OFL Oak RSW Rosewood TEK Teak WLN Walnut	MG Marine grade paint ¹⁶	L/AB Less anchor bolts

NOTES

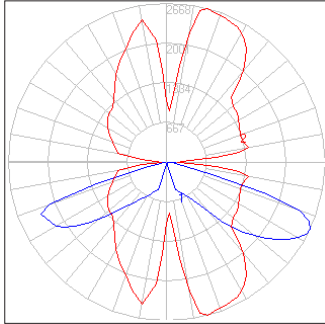
- *- Denotes a required field
- 1- Available only with AMB option.
- 2- Not available with SH4.
- 3- Not available with SH1, SH4 or LV3.
- 4- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.
- 5- Not available with L1L10.
- 6- Not available with SH1, SH4.
- 7- OAH 19" (483mm).
- 8- GFI and CGF are installed 18" above grade. GFI and CGF requires 120V feed.
- 9- CGF cover protrudes by 3.62" (92mm).
- 10- Not available with PR6.
- 11- Remote mount 50ft - 12" (305mm) square enclosure with access cover. Not available with 347V, 480V or HVOLT. Cable between fixture and remote box is provided by others.
- 12- Not available with LD5. Can be installed in the field on existing fixtures.
- 13- Contact factory to coordinate custom matching color.
- 14- Specify RAL number.
- 15- Faux wood finish not applied to the fixture head. Additional delay required. Not compatible with marine grade paint.
- 16- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

LUMINIS.COM

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

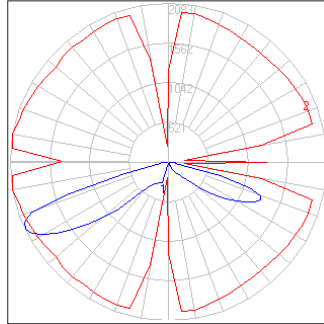
TYPICAL PHOTOMETRY SUMMARY

EC620-L1L40-LD3



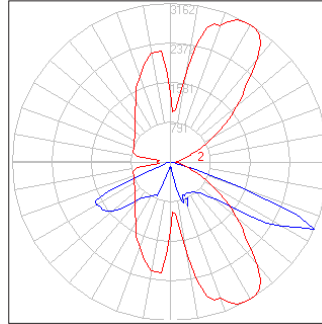
Total Lms: 4684 Lumens
Total Input Watts: 49.3 W
Efficacy: 95.0 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 2668 (75°H, 65°V)

EC620-L1L40-LD5



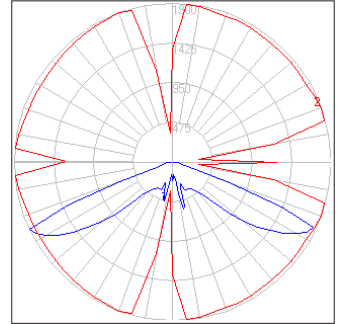
Total Lms: 4646 Lumens
Total Input Watts: 50.1 W
Efficacy: 92.7 Lumens/Watt
BUG: B3-U0-G3
CCT/CRI: 4000K/80
Maximum Candela: 2083 (65°V)

EC620-L1L40-SH1-LD2



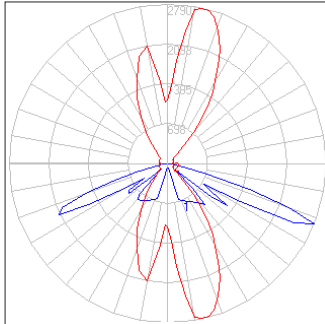
Total Lms: 4251 Lumens
Total Input Watts: 49.1 W
Efficacy: 86.6 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3162 (60°H, 65°V)

EC620-L1L40-SH1-LD5



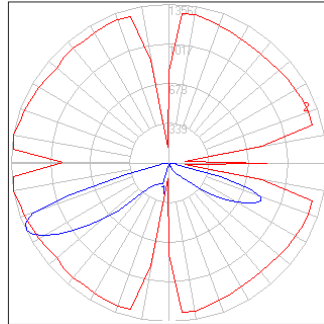
Total Lms: 3888 Lumens
Total Input Watts: 48.6 W
Efficacy: 80.0 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 1900 (65°V)

EC620-L1L40-LV3-LD2



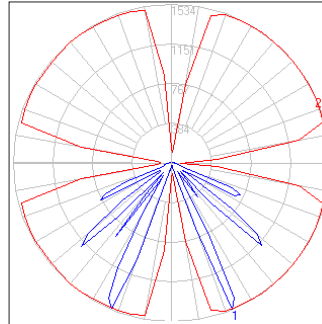
Total Lms: 3017 Lumens
Total Input Watts: 49.6 W
Efficacy: 60.8 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 2790 (77.5°H, 67.5°V)

EC620-L1L40-LV3-LD5



Total Lms: 3032 Lumens
Total Input Watts: 49.6 W
Efficacy: 61.1 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 1356 (65°V)

EC620-L1L40-SH4-LD5



Total Lms: 1955 Lumens
Total Input Watts: 49.0 W
Efficacy: 39.9 Lumens/Watt
BUG: B1-U2-G1
CCT/CRI: 4000K/80
Maximum Candela: 1534 (22.5°V)

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
EC620	<u>Type III</u> L1L10 1350 lm / 13w L1L20 1869 lm / 19w L1L30 3294 lm / 34w L1L40 4684 lm/49w	<u>Type III</u> L1LK2A 379 lm / 11w
EC620-SH1	<u>Type II</u> L1L10 1270 lm / 13w L1L20 1722 lm / 19w L1L30 3024 lm / 34w L1L40 4251 lm/49w <u>Type V</u> L1L10 1183 lm / 13w L1L20 1601 lm / 19w L1L30 2803 lm / 34w L1L40 3888 lm/49w	<u>Type II</u> L1LK2A 366 lm / 11w <u>Type V</u> L1LK2A 377 lm / 11w
EC620-LV3	<u>Type II</u> L1L10 901 lm / 13w L1L20 1235 lm / 19w L1L30 2143 lm / 34w L1L40 3017 lm/ 50w <u>Type V</u> L1L10 994 lm / 13w L1L20 1273 lm / 19w L1L30 2037 lm / 34w L1L40 3032 lm/ 50w	<u>Type II</u> L1LK2A 363 lm / 11w <u>Type V</u> L1LK2A 367 lm / 11w
EC620-SH4	<u>Type V</u> L1L20 786 lm / 18w L1L30 1384 lm / 34w L1L40 1955 lm/ 49w	<u>Type V</u> L1LK2A 289 lm / 11w

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

OPTION DETAILS

