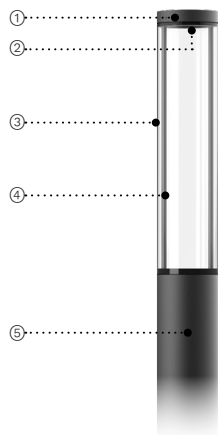


PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Heavy cast aluminum top cover with embedded heat sink.
- ② Optical system assembly.
- ③ Ø 6" (152mm) high impact UV stabilized clear acrylic cylinder.
- ④ Ø 1/2" (13mm) aluminum struts.
- ⑤ Ø 6" (152mm) extruded aluminum column.



CL621

MATERIALS

Lumistik column is made of 6061-T6 extruded aluminum alloy. All other cast parts are corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED COB is assembled on a thick pad housing chamber designed with a heat sink to optimize heat dissipation and luminaire efficacy. The power supply is enclosed in an isolated chamber allowing quick access for electrical maintenance without disturbing the optical chamber.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C/-40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 60,000hrs L70B50 (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. 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.

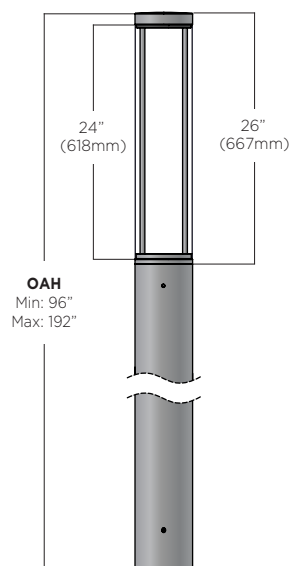
WARRANTY

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

Lumistik column is designed for ease of access and installation. See mounting details for specific information.

MEASUREMENTS



ORDERING CODE

*SERIES	*LIGHT OUTPUT	* DISTRIBUTION	*COLUMN POLE	*CCT	*VOLTAGE
<div>CL621</div> <div></div>	L1L201884 lm/28w	LD2Type II	CLP670Pole 6'	27K2700K	120120V
	L1L302768 lm/44w	LD5Type V	CLP694Pole 8'	30K3000K	277277V
	Delivered lumens calculated at 4000K/80CRI. 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..		CLP6118Pole 10'	35K3500K	347347V
			CLP6142EPole 12' (external base)	40K4000K	480480V
			CLP6166EPole 14' (external base)		HVOLT347V-480V
					MVOLT120V-277V
			For overall height by series refer to chart on pg 3.		

CONTROLS	FUSE	PHOTOCELL	SURGE PROTECTOR	GFI
NLTMS nLight AIR 2.0 motion sensor mounted on pole ^{1,2}	FS Fuse	PH Photocell ³	SP Surge protector 10KV	CGF Circuit ground fault interruption receptacle with clear in-use cover ^{4,5} GFI Circuit ground fault interruption receptacle ⁴

SHIELDING ACCESSORIES	*FINISH	WOOD FINISH ⁸	ENVIRONMENT	LESS ANCHOR BOLTS
DECO4 180° Blockout shield (field installable)	BKT Jet black	ADG American douglas	MG Marine grade paint ⁹	L/AB Less anchor bolts
	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		

REFERENCE TABLE - LIGHT OUTPUT

SERIES	LIGHT OUTPUT - STATIC WHITE
CL621	<u>Type II</u>
	L1L20 2279 lm / 26w
	L1L30 3287 lm / 40w

NOTES

- *- Denotes a required field
- 1- Not available with PH.
- 2- White sensor available upon request.
- 3- Installed on the side of the fixture.
- 4- GFI and CGF are installed 26" above grade. 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, hand-hole or accessories. 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.

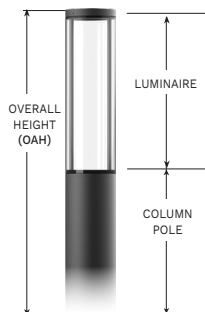
LUMINIS.COM

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

CL621
Rev. 12/03/24

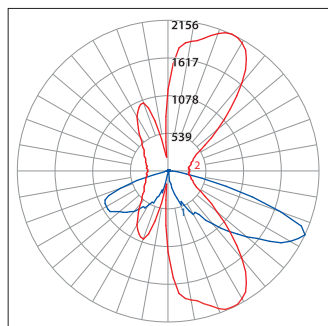
OVERALL HEIGHT (OAH) LUMINAIRE & COLUMN POLE

COLUMN POLE	OAH
CLP670	96"
CLP694	120"
CLP6118	144"
CLP6142	168"
CLP6166	192"



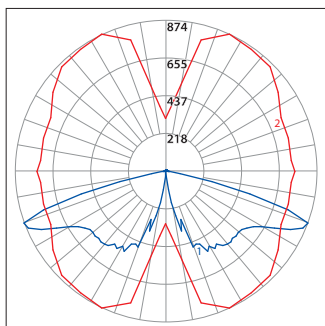
TYPICAL PHOTOMETRY SUMMARY

CL621-L1L30-LD2



Total Lms: 3287 Lumens
Total Input Watts: 39.3 W
Efficacy: 83 Lumens/Watt
BUG: B1-U2-G1
CCT/CRI: 4000K/80
Maximum Candela: 2154 @
 55°/42.5°V

CL621-L1L30-LD5



Total Lms: 2768 Lumens
Total Input Watts: 44 W
Efficacy: 63 Lumens/Watt
BUG: B2-U2-G1
CCT/CRI: 4000K/80
Maximum Candela: 855 @
 47.5°/55°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.

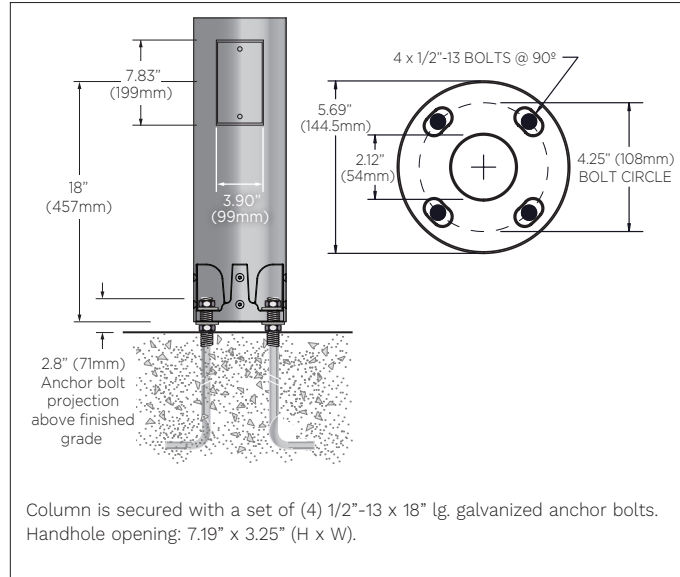
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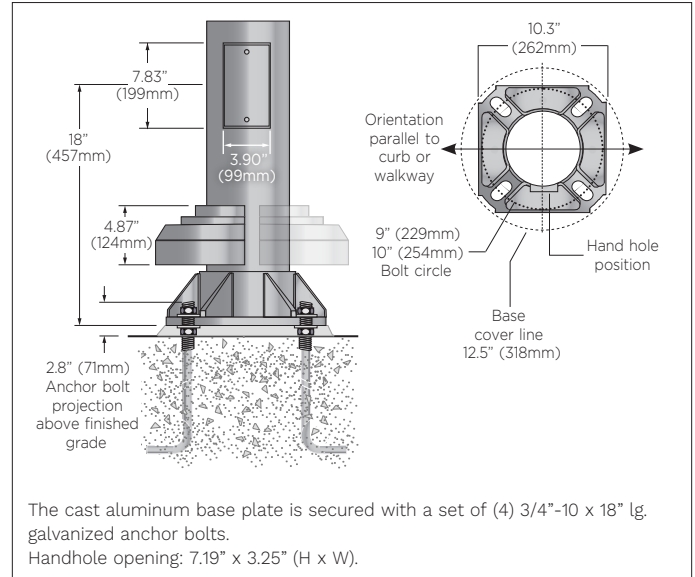
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MOUNTING DETAILS

INTERNAL BASE - OVERALL HEIGHTS FROM 96" (8FT) TO 144" (12FT)



EXTERNAL BASE - OVERALL HEIGHTS ABOVE 144" (12FT)



OPTION DETAILS

