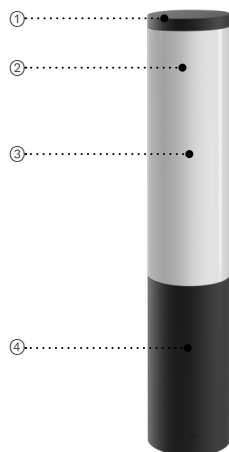


PROJECT NAME:

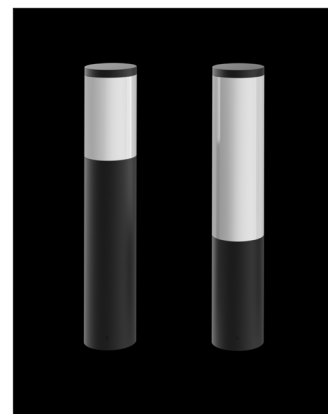
QUANTITY:

TYPE:

ORDERING CODE:



- ① Heavy cast aluminum top cover with embedded heat sink.
- ② Ø 8" (203mm) High impact white translucent acrylic UV stabilized.
- ③ LED array.
- ④ Ø 8" (203mm) extruded aluminum base.



CL813/CL823

MATERIALS

Lumistik bollard is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED boards are contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.

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. Driver for RGBW is DMX512 / RDM compatible.

LED LIGHT ENGINE

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

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.

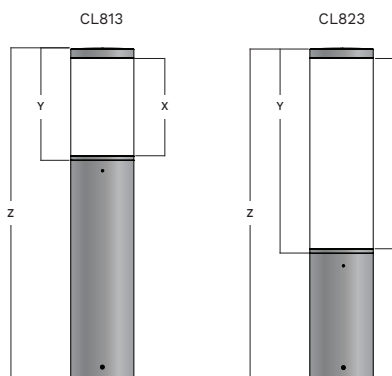
WARRANTY

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


Mounts with a set of 4 x 1/2"-13 x 18" lg. galvanized anchor bolts. See mounting details for specific information.

MEASUREMENTS



Model	X	Y	(OAH) Z
CL813	12.3" (313mm)	14.2" (362mm)	42" (1067mm)
CL823	24.3" (618mm)	26.2" (667mm)	42" (1067mm)
CL813 RGBW	13.4" (340mm)	15.3" (389mm)	43.1" (1096mm)
CL823 RGBW	25.4" (645mm)	27.3" (694mm)	43.1" (1096mm)

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	BOLLARD HEIGHT	FUSE
CL813 	<u>Static White</u>	27K 2700K	120 120V	PR8 Optional pedestal mount adaptor. OAH 26". ³	FS Fuse
	L4L10 1123 lm/9w (1123 lm/ft)	30K 3000K	277 277V		
	L4L15 1764 lm/15w (1764 lm/ft)	35K 3500K	347 347V		
	L4L20 2376 lm/21w (2376 lm/ft)	40K 4000K	480 480V		
	L4L30 3068 lm/28w (3068 lm/ft)	RGBW RGB + white 4000K	HVOLT 347V-480V		
	<u>RGBW</u>		MVOLT 120V-277V		
	L4RGBW 1286 lm/21w (1286 lm/ft) ^{1,2}				
	Delivered lumens calculated at 4000K/80CRI except for RGBW. Typical power consumption. Refer to LCF table for outputs at other CCTs. For RGBW, values are for total delivered lumens. For individual maximum output values, refer to RGBW details section.				
PHOTOCELL	SURGE PROTECTOR	GFI	EMERGENCY		
PH Photocell ⁴	SP Surge protector 10KV	CGF Circuit ground fault interruption receptacle with clear in-use cover ^{5,6,7,8} GFI Circuit ground fault interruption receptacle ^{5,6,8}	REM7 Remote emergency battery, 90 min, 7W ⁹		
SHIELDING ACCESSORIES	*FINISH	WOOD FINISH ¹⁴	ENVIRONMENT	LESS ANCHOR BOLTS	
DECO1 360° decorative shroud with aligned round holes ^{10,11}	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white	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 ¹⁵	L/AB Less anchor bolts	
DECO2 360° decorative shroud with vertical slots ^{10,11}					
DECO3 180° blackout shield (factory installed) ^{10,11}					
DECO4 180° blackout shield (field installable) ¹¹	CMC Custom matched color ¹² RAL RAL color ¹³				

NOTES

*- Denotes a required field

1- Not available with 347V, 480V, HVOLT, REM7. RGBW models can only go to -20°C.

2- Available only with RGBW option.

3- Available only on CL813. OAH 26" (660mm).

4- Installed on the side of the fixture.

5- Not available with PR8.

6- Installed 15" above grade. Requires 120V feed.

7- CGF cover protrudes by 3.62" (92mm).

8- Available only on CL813.

9- Remote mount 50ft - 12" square enclosure with access cover. The remote enclosure must be interior. Not available with 347V, 480V or HVOLT. Cable between fixture and remote box is provided by other.

10- OAH increases by 1.4". See option details for more information.

11- Not available with RGBW.

12- Contact factory to coordinate custom matching color.

13- Specify RAL number.

14- Faux wood finish not applied to the fixture head or accessories. Additional delay required. Not compatible with marine grade paint.

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

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Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com


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CL813/CL823

Rev. 12/06/24

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	FUSE	PHOTOCELL
CL823 	<u>Static White</u>	27K 2700K	120 120V	FS Fuse	PH Photocell ³
	L4L10 1347 lm/11w (673 lm/ft)	30K 3000K	277 277V		
	L4L20 2022 lm/16w (1011 lm/ft)	35K 3500K	347 347V		
	L4L30 3743 lm/32w (1871 lm/ft)	40K 4000K	480 480V		
	L4L40 4333 lm/38w (2166 lm/ft)	RGBW RGB + white 4000K	HVOLT 347V-480V		
	L4L50 5581 lm/50w (2790 lm/ft)		MVOLT 120V-277V		
	<u>RGBW</u>				
	L4RGBW 2277 lm/35w (1138 lm/ft) ^{1,2}				
	Delivered lumens calculated at 4000K/80CRI except for RGBW. Typical power consumption. Refer to LCF table for outputs at other CCTs. For RGBW, values are for total delivered lumens. For individual maximum output values, refer to RGBW details section.				

SURGE PROTECTOR	EMERGENCY	SHIELDING ACCESSORIES	*FINISH	WOOD FINISH ⁹
SP Surge protector 10KV	REM7 Remote emergency battery, 90 min, 7W ⁴	DECO1 360° decorative shroud with aligned round holes ^{5,6}	BKT Jet black	ADG American douglas
		DECO2 360° decorative shroud with vertical slots ^{5,6}	BZT Bronze	BRC Birch
		DECO3 180° blackout shield (factory installed) ^{5,6}	CHT Champagne	CHN Chestnut
		DECO4 180° blackout shield (field installable) ⁶	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 ⁷	TEK Teak
			RAL RAL color ⁸	WLN Walnut

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

NOTES

*- Denotes a required field

1- Not available with 347V, 480V, HVOLT, REM7. RGBW models can only go to -20 °C.

2- Available only with RGBW option.

3- Installed on the side of the fixture.

4- Remote mount 50ft - 12" square enclosure with access cover. The remote enclosure must be interior. Not available with 347V, 480V or HVOLT. Cable between fixture and remote box is provided by other.

5- OAH increases by 1.4". See option details for more information.

6- Not available with RGBW.

7- Contact factory to coordinate custom matching color.

8- Specify RAL number.

9- Faux wood finish not applied to the fixture head or accessories. Additional delay required. Not compatible with marine grade paint.

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

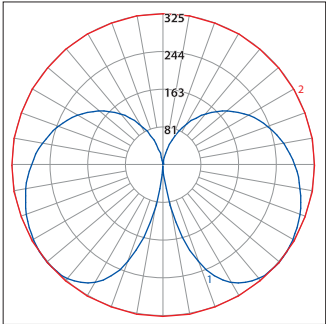
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CL813/CL823
Rev. 12/06/24

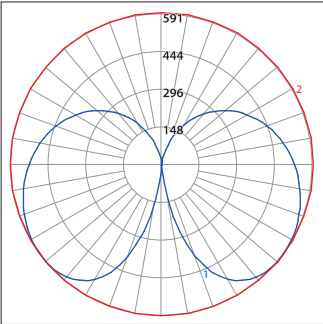
TYPICAL PHOTOMETRY SUMMARY

CL813-L4L30



Total Lms: 3068 Lumens
Total Input Watts: 27.7 W
Efficacy: 111 Lumens/Watt
BUG: B1-U4-G2
CCT/CRI: 4000K/80
Maximum Candela: 325 @
47.5°/25.5°V

CL823-L4L50

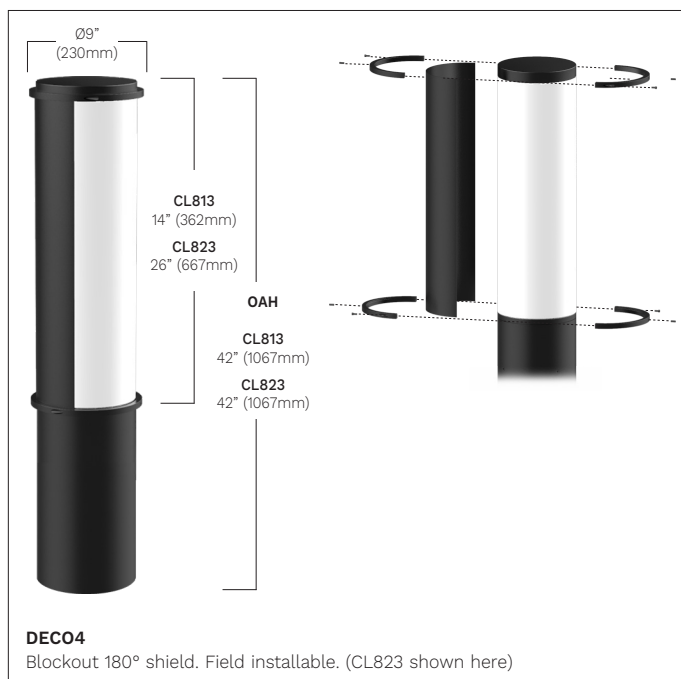
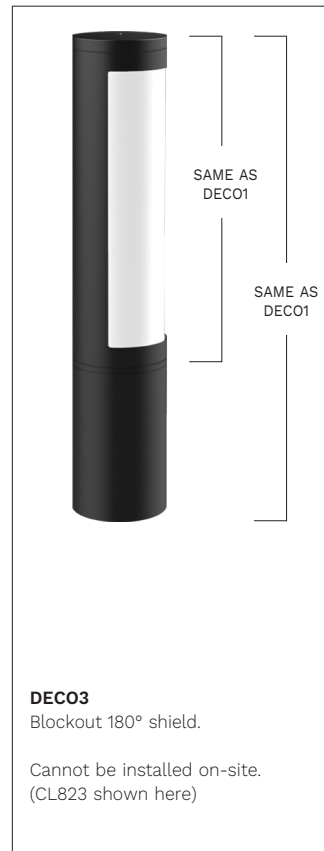
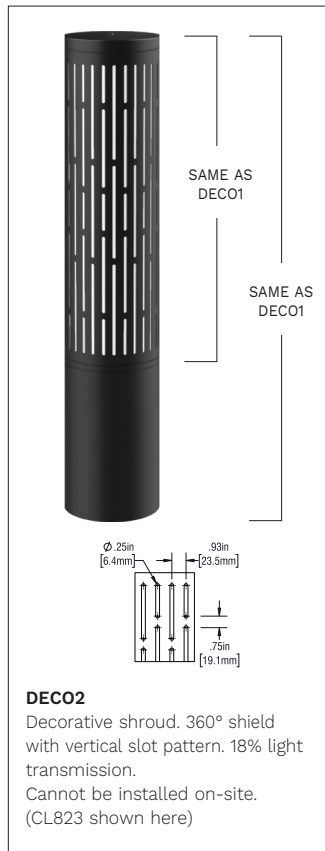
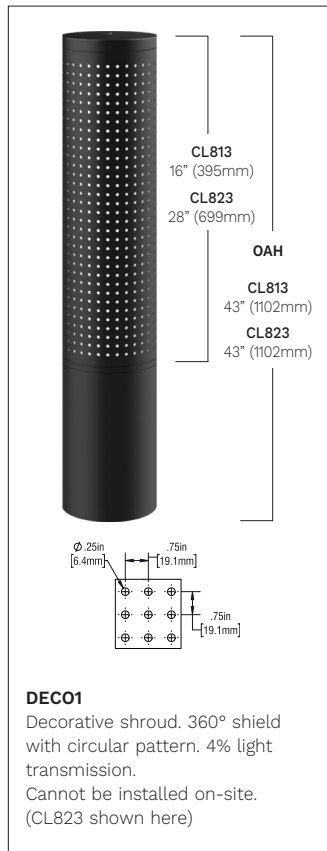


Total Lms: 5581 Lumens
Total Input Watts: 50.4 W
Efficacy: 111 Lumens/Watt
BUG: B2-U5-G3
CCT/CRI: 4000K/80
Maximum Candela: 591 @
47.5°/25.5°V

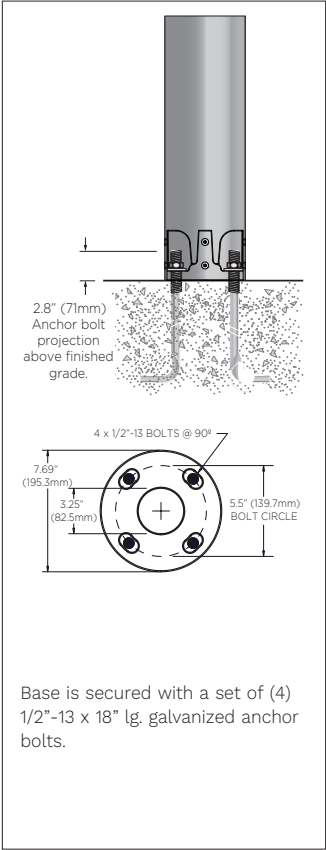
LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

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

OPTION DETAILS



MOUNTING DETAILS



RGBW DMX DETAILS

TOTAL DELIVERED LUMENS

Maximum output values									
	WHITE 4000K			TOT RGB			TOT		
	W	lm	lm/ft	W	lm	lm/ft	W	lm	lm/ft
CL813	5	670	670	16	616	616	21	1286	1286
CL823	9	1159	579	26	1118	559	35	2277	1138

The fixtures will be delivered with the default address 1.

RGBW – DMX / RDM 4 CHANNELS

USERS CAN GENERATE ANY COLOR BY MIXING THE INTENSITY OF
FOUR INDEPENDENT RED, GREEN, BLUE AND WHITE CHANNELS.

COLOR	R	G	B	W
CHANNEL	1	2	3	4

NOTE: Default factory settings. Controller supplied by others.