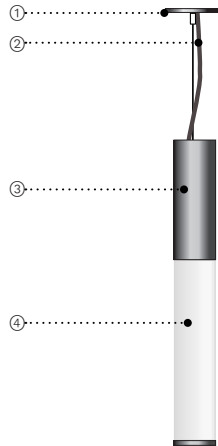**PROJECT NAME:**   **QUANTITY:**   **TYPE:**

ORDERING CODE:

① Ø 5.2" (132mm) ceiling mount canopy.

② Field adjustable suspension stem or silver braided power cable with aircraft safety cable. Also, offered with a catenary suspension attachment.

③ Ø 3" (76mm) seamless extruded aluminum housing for electrical components.

④ Ø 3" (76mm) white translucent high impact UV stabilized acrylic lens.

CL312/CL322/CL342

MATERIALS

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

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -40°C to +55°C/-40°F to +131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery. Driver for RGBW operating temperature range -40°C to +50°C/-4°F to +122°F

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. The ceiling canopy is damp location only. 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.
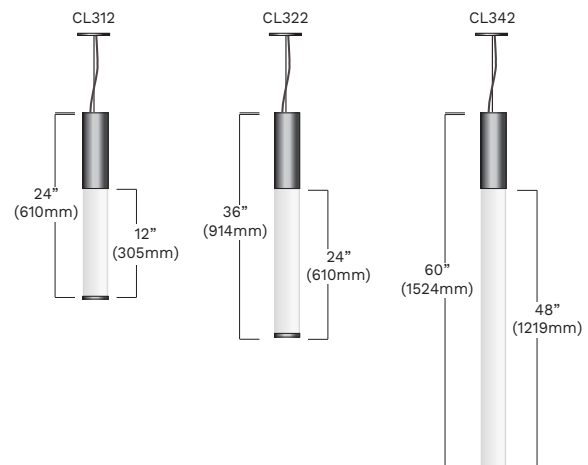
WARRANTY

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 on a standard 4" (102mm) octagonal electrical box with 3.5" (89mm) C/C mounting holes. Fixture must be installed on a finished ceiling for exterior applications and/or when exposed to inclement weather.

MEASUREMENTS

Maximum weight: CL312: 4 lbs (1.9 kg)
CL322: 5 lbs (2.3 kg)
CL342: 7 lbs (3 kg)

CL312
24" (610mm)
12" (305mm)

CL322
36" (914mm)
24" (610mm)

CL342
60" (1524mm)
48" (1219mm)

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CL312/CL322/CL342
Rev. 11/19/24

LUMINIS®

ORDERING CODE

*SERIES	*LIGHT OUTPUT		*CCT		*VOLTAGE		*MOUNTING		*LENGTH	
CL312	Static White		27K	2700K	120	120V	CAT3	Catenary suspension attachment	12IN	12"
	L4L10	830 lm/9w	30K	3000K	277	277V	SPG	Silver braided power cord with aircraft cable[3]	24IN	24"
	RGBW		35K	3500K	MVOLT	120V-277V			36IN	36"
	L4RGBW	662 lm/12w[1,2]	40K	4000K			STM	Field-cuttable hang straight stem	48IN	48"
			RGBW	RGB + white 4000K					60IN	60"
	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. 662 lm/ft. For individual maximum output values, refer to RGBW details section.								Available up to 240" in 12" increments. Required field for SPG, STM	

FUSE		SURGE PROTECTOR		EMERGENCY		*FINISH		ENVIRONMENT	
FS	Fuse	SP	Surge protector	REM7	Remote emergency battery, 90 min, 7W[4]	BKT	Jet black	MG	Marine grade paint[7]
						BZT	Bronze		
						CHT	Champagne		
						DGT	Gun metal		
						GRT	Titanium gray		
						MST	Matte silver		
						SGT	Steel gray		
						WHT	Snow white		
						CMC	Custom matched color[5]		
						RAL	RAL color[6]		

NOTES
*- Denotes a required field
1- Not available with REM7 or STM. OAH increases, see RGBW dimensions for details.
2- Available only with RGBW option.
3- Not suitable for outdoor locations.
4- Remote mount 50ft - 12" square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by other.
5- Contact factory to coordinate custom matching color.
6- Specify RAL number.
7- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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CL312/CL322/CL342
Rev. 11/19/24

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ORDERING CODE

*SERIES	*LIGHT OUTPUT		*CCT		*VOLTAGE		*MOUNTING		*LENGTH	
CL322	Static White		**27K**	2700K	**120**	120V	**CAT3**	Catenary suspension attachment	**12IN**	12"
	L4L10	830 lm/9w	**30K**	3000K	**277**	277V	**SPG**	Silver braided power cord with aircraft cable[3]	**24IN**	24"
	L4L15	1640 lm/16w	**35K**	3500K	**MVOLT**	120V-277V			**36IN**	36"
	L4L20	2250 lm/21w	**40K**	4000K			**STM**	Field-cuttable hang straight stem	**48IN**	48"
	RGBW		**RGBW**	RGB + white 4000K					**60IN**	60"
	L4RGBW	1325 lm/24w[1,2]							**Available up to 240" in 12" increments. Required field for SPG, STM**	
	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. 662 lm/ft. For individual maximum output values, refer to RGBW details section									

FUSE		SURGE PROTECTOR		EMERGENCY		*FINISH		ENVIRONMENT	
FS	Fuse	**SP**	Surge protector	**REM7**	Remote emergency battery, 90 min, 7W[4]	**BKT**	Jet black	**MG**	Marine grade paint[7]
						BZT	Bronze		
						CHT	Champagne		
						DGT	Gun metal		
						GRT	Titanium gray		
						MST	Matte silver		
						SGT	Steel gray		
						WHT	Snow white		
						CMC	Custom matched color[5]		
						RAL	RAL color[6]		

NOTES
*- Denotes a required field
1- Not available with REM7 or STM. OAH increases, see RGBW dimensions for details.
2- Available only with RGBW option.
3- Not suitable for outdoor locations.
4- Remote mount 50ft - 12" square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by other.
5- Contact factory to coordinate custom matching color.
6- Specify RAL number.
7- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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ORDERING CODE

*SERIES	*LIGHT OUTPUT		*CCT		*VOLTAGE		*MOUNTING		*LENGTH	
CL342	Static White		**27K**	2700K	**120**	120V	CAT3	Catenary suspension attachment	**12IN**	12"
	L8L20	1900 lm/16w	**30K**	3000K	**277**	277V	SPG	Silver braided power cord with aircraft cable[3]	**24IN**	24"
	L8L40	3850 lm/30w	**35K**	3500K	**MVOLT**	120V-277V			**36IN**	36"
	RGBW		**40K**	4000K			STM	Field-cuttable hang straight stem	**48IN**	48"
	L8RGBW	2650 lm/48w[1,2]	**RGBW**	RGB + white 4000K					**60IN**	60"

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. 662 lm/ft. For individual maximum output values, refer to RGBW details section.

Available up to 240" in 12" increments. Required field for SPG, STM

FUSE		SURGE PROTECTOR		EMERGENCY		*FINISH		ENVIRONMENT	
FS	Fuse	SP	Surge protector	REM7	Remote emergency battery, 90 min, 7W[4]	**BKT**	Jet black	MG	Marine grade paint[7]
						BZT	Bronze		
						CHT	Champagne		
						DGT	Gun metal		
						GRT	Titanium gray		
						MST	Matte silver		
						SGT	Steel gray		
						WHT	Snow white		
						CMC	Custom matched color[5]		
						RAL	RAL color[4]		

NOTES

*- Denotes a required field
1- Not available with REM7 or STM. OAH increases, see RGBW dimensions for details.
2- Available only with RGBW option.
3- Not suitable for outdoor locations.
4- Remote mount 50ft - 12" square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by other.
5- Contact factory to coordinate custom matching color.
6- Specify RAL number.
7- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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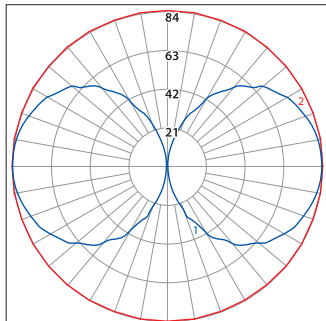Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
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CL312/CL322/CL342
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TYPICAL PHOTOMETRY SUMMARY

CL312-L4L10

Total Lms: 830 Lumens
Total Input Watts: 9 W
Efficacy: 92 Lumens/Watt
BUG: B0-U3-G1
CCT/CRI: 4000K/80
Maximum Candela: 84 @ 0°/98°V

CL322-L4L20

Total Lms: 2250 Lumens
Total Input Watts: 21 W
Efficacy: 107 Lumens/Watt
BUG: B1-U4-G2
CCT/CRI: 4000K/80
Maximum Candela: 228 @ 0°/95°V

CL342-L8L40

Total Lms: 3850 Lumens
Total Input Watts: 30 W
Efficacy: 129 Lumens/Watt
BUG: B1-U5-G2
CCT/CRI: 4000K/80
Maximum Candela: 391 @ 0°/92°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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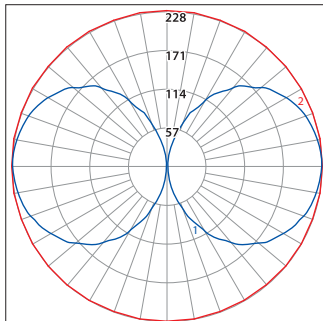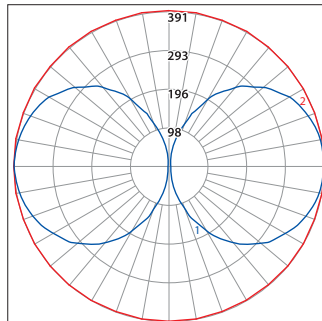
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OPTION DETAILS

4.49"
(114mm)

Ø 1/4" or 1/2"
aircraft cable

Power cable in

Control cable in

Catenary junction box

CL312
30" (750mm)
CL322
41" (1054mm)
CL342
66" (1664mm)

CL312
7.3 lbs (3.3 kg)
CL322
8.3 lbs (3.8 kg)
CL342
10.3 lbs (4.7 kg)

ANGLE ADJUSTMENT MECHANISM

12°

12°

Power cable in:
3 conductor x 14 gauge AWG. The 2 cable glands located at the top can accommodate a cable ranging from **10mm - 14mm**.

Control cable in:
The 2 cable glands on the bottom can accommodate a cable ranging from **6mm - 11mm**.

CAT3
Cast aluminum catenary junction box with 4 sealed connectors by Luminis and pre-inserted into housing. Ready to accept 1/4" or 1/2" stainless steel suspension cable. (Structural design, power cable, control cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)

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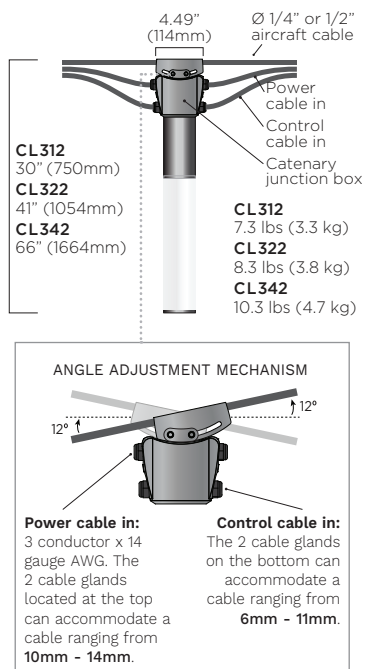260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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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
CL312	3	374	374	9	288	288	12	662	662
CL322	6	749	374	18	576	288	24	1325	662
CL342	12	1497	374	36	1153	288	48	2650	662

Fixtures will be delivered with the default address 1.

RGBW DIMENSIONS

CL312
36" (914mm)
29" (732mm)
12" (305mm)

CL322
36" (914mm)
41" (1036mm)
24" (610mm)

CL342
36" (914mm)
65" (1646mm)
48" (1219mm)

OAH increases by 5" for RGBW models.

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