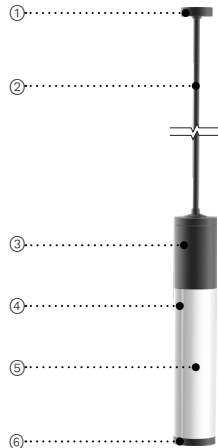


PROJECT NAME:

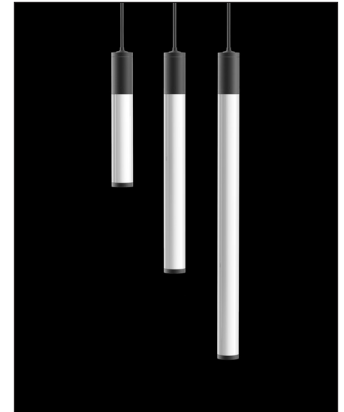
QUANTITY:

TYPE:

ORDERING CODE:



- ① Heavy duty 30° hang straight swivel, with Ø 4.375" (111mm) canopy and universal mounting plate.
- ② Field adjustable suspension stem or silver braided power cable with aircraft safety cable. Also, offered with a catenary suspension attachment.
- ③ Ø 6" (152mm) aluminum extruded housing and driver enclosure.
- ④ Ø 6" (152mm) high impact white translucent acrylic diffuser UV stabilized.
- ⑤ LED array.
- ⑥ Heavy cast aluminum cover with embedded heat sink.



CL622/CL642/CL672

## MATERIALS

Lumistik pendant 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. 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 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. 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

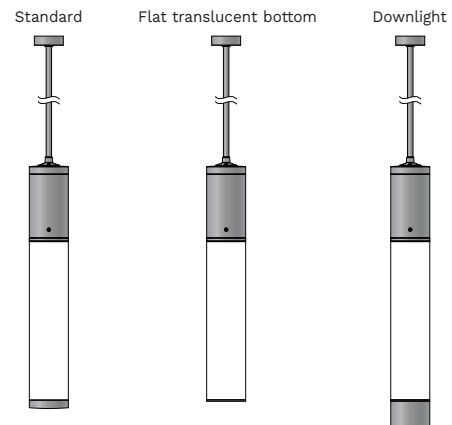
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

## 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:** CL622: 15.4 lbs (7 kg)  
CL642: 19 lbs (8.6 kg)  
CL672: 22.7 lbs (10.3 kg)



Note: Refer to dimension details for measurements.


## LUMINIS.COM

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

## CL622/CL642/CL672

Rev. 05/06/25

## ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT		*VOLTAGE	ADDITIONAL LIGHT <sup>4</sup>
<div>CL622</div> 	<u>Static White</u>	<b>27K</b> 2700K		<b>120</b> 120V	<b>DL1L15NR</b> 1500 lm downlight with very narrow optic 9°, 24w
	<b>L4L10</b> 1210 lm/11w (605 lm/ft)	<b>30K</b> 3000K		<b>277</b> 277V	
	<b>L4L20</b> 2041 lm/18w (1020 lm/ft)	<b>35K</b> 3500K		<b>347</b> 347V	
	<b>L4L30</b> 3170 lm/30w (1585 lm/ft)	<b>40K</b> 4000K		<b>480</b> 480V	<b>DL1L20</b> 2000 lm downlight, 20w
	<b>L4L40</b> 4270 lm/42w (2135 lm/ft)	<b>RGBW</b> RGB + white 4000K	<b>HVOLT</b> 347V-480V		
	<b>L4L50</b> 5695 lm/59w (2847 lm/ft)		<b>MVOLT</b> 120V-277V	<b>DL1L40</b> 4000 lm downlight, 44w	
	<u>RGBW</u>				
	<b>L4RGBW</b> 2046 lm/35w (1023 lm/ft) <sup>1,2,3</sup>				
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.					

ADDITIONAL LIGHT DISTRIBUTION	*MOUNTING	SUSPENSION LENGTH	MOUNTING ACCESSORY	CONTROLS
<b>VNRA</b> Very narrow optic 9° <sup>5</sup> <b>NRA</b> Narrow optic 15° <b>FLDA</b> Flood optic 30° <b>VWDA</b> Very wide optic 52°	<b>CAT3</b> Catenary suspension attachment  <b>SPG</b> Silver braided power cord with aircraft cable <sup>6</sup>  <b>STM</b> Field-cutttable hang straight stem	<b>12IN</b> 12" <b>24IN</b> 24" <b>36IN</b> 36" <b>48IN</b> 48" <b>60IN</b> 60"  Available up to 240" in 12" increments. Required field for SPG, STM.	<b>STC</b> Set of 3 stabilizer cables <sup>7</sup>	<b>NLTAIR2</b> nLight AIR 2.0 control embedded in canopy with black antenna <sup>8</sup>

LENS/DIFFUSER	FUSE	SURGE PROTECTOR	EMERGENCY	*FINISH	ENVIRONMENT
<b>FT6</b> Flat translucent bottom <sup>6,9</sup>	<b>FS</b> Fuse	<b>SP</b> Surge protector 10KV	<b>EM10</b> Integral emergency battery, 90 min, 10w <sup>9,10</sup>  <b>REM7</b> Remote emergency battery, 90 min, 7W <sup>11</sup>	<b>BKT</b> Jet black <b>BZT</b> Bronze <b>CHT</b> Champagne <b>DGT</b> Gun metal <b>GRT</b> Titanium gray <b>MST</b> Matte silver <b>SGT</b> Steel gray <b>WHT</b> Snow white  <b>CMC</b> Custom matched color <sup>12</sup> <b>RAL</b> RAL color <sup>13</sup>	<b>MG</b> Marine grade paint <sup>14</sup>

## NOTES


- \*- Denotes a required field
- 1- Not available with 347V, 480V, HVOLT, REM7, EM10, DL1L15NR, DL1L20, DL1L40, NLTAIR2.
- 2- RGBW CL622 models can only go to -20°C.
- 3- Available only with RGBW option. For STM option, max stem length is 36".
- 4- CCT will match CCT selected for fixture. OAH of fixture will increase by 4" with the addition of a downlight component for all models. See option details for more information. 0-10V dimming only. Additional light is not controlled independently.
- 5- Available only with DL1L15NR.
- 6- Not suitable for outdoor locations.
- 7- Available only with STM.
- 8- Available only with 120V or 277V. Installed in Ø11" or Ø15" canopy with STM/SPG. Refer to the mounting images for more details. Not available with REM7, EM10, DL1L15NR, DL1L20, DL1L40, CAT3.
- 9- Not available with DL1L15NR, DL1L20, or DL1L40.
- 10- Available only on models up to 80w.
- 11- 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. When a downlight component is selected, battery powers the DL module unless otherwise specified. Not available with 347V, 480V, HVOLT or CAT3.
- 12- Contact factory to coordinate custom matching color.
- 13- Specify RAL number.
- 14- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

## LUMINIS.COM

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

CL622/CL642/CL672  
Rev. 05/06/25

## ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	ADDITIONAL LIGHT <sup>5</sup>
<b>CL642</b> 	<u>Static White</u>	<b>27K</b> 2700K	<b>120</b> 120V	<b>DL1L15NR</b> 1500 lm downlight with very narrow optic 9°, 24w
	<b>L8L20</b> 2217 lm/20w (554 lm/ft)	<b>30K</b> 3000K	<b>277</b> 277V	<b>DL1L20</b> 2000 lm downlight, 20w
	<b>L8L40</b> 4035 lm/37w (1008 lm/ft)	<b>35K</b> 3500K	<b>347</b> 347V	
	<b>L8L60</b> 5757 lm/54w (1439 lm/ft)	<b>40K</b> 4000K	<b>480</b> 480V	
	<b>L8L80</b> 8352 lm/82w (2088 lm/ft) <sup>1</sup>	<b>RGBW</b> RGB + white 4000K	<b>HVOLT</b> 347V-480V	<b>DL1L40</b> 4000 lm downlight, 44w
	<b>L8L100</b> 10029 lm/101w (2507 lm/ft) <sup>1</sup>		<b>MVOLT</b> 120V-277V	
	<u>RGBW</u>			
	<b>L8RGBW</b> 4158 lm/71w (1039 lm/ft) <sup>2,3,4</sup>			
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.				


ADDITIONAL LIGHT DISTRIBUTION	*MOUNTING	SUSPENSION LENGTH	MOUNTING ACCESSORY	CONTROLS
<b>VNRA</b> Very narrow optic 9° <sup>6</sup>	<b>CAT3</b> Catenary suspension attachment <b>SPG</b> Silver braided power cord with aircraft cable <sup>7</sup> <b>STM</b> Field-cuttable hang straight stem	<b>12IN</b> 12"	<b>STC</b> Set of 3 stabilizer cables <sup>8</sup>	<b>NLTAIR2</b> nLight AIR 2.0 control embedded in canopy with black antenna <sup>9</sup>
<b>NRA</b> Narrow optic 15°		<b>24IN</b> 24"		
<b>FLDA</b> Flood optic 30°		<b>36IN</b> 36"		
<b>VWDA</b> Very wide optic 52°		<b>48IN</b> 48"		
		<b>60IN</b> 60"		
Available up to 240" in 12" increments. Required field for SPG, STM.				

LENS/DIFFUSER	FUSE	SURGE PROTECTOR	EMERGENCY	*FINISH	ENVIRONMENT
<b>FT6</b> Flat translucent bottom <sup>7,10</sup>	<b>FS</b> Fuse	<b>SP</b> Surge protector 10KV	<b>EM10</b> Integral emergency battery, 90 min, 10w <sup>10,11</sup>	<b>BKT</b> Jet black	<b>MG</b> Marine grade paint <sup>15</sup>
			<b>REM7</b> Remote emergency battery, 90 min, 7w <sup>12</sup>	<b>BZT</b> Bronze	
				<b>CHT</b> Champagne	
				<b>DGT</b> Gun metal	
				<b>GRT</b> Titanium gray	
				<b>MST</b> Matte silver	
				<b>SGT</b> Steel gray	
				<b>WHT</b> Snow white	
				<b>CMC</b> Custom matched color <sup>13</sup>	
				<b>RAL</b> RAL color <sup>14</sup>	

### NOTES

- \*- Denotes a required field
- 1- An additional 3" will be applied to the housing for these models.
- 2- Not available with 347V, 480V, HVOLT, REM7, EM10, DL1L15NR, DL1L20, DL1L40, NLTAIR2.
- 3- Available only with RGBW option.
- 4- For STM option, max stem length is 36".
- 5- CCT will match CCT selected for fixture. OAH of fixture will increase by 4" with the addition of a downlight component for all models. See option details for more information. 0-10V dimming only. Additional light is not controlled independently.
- 6- Available only with DL1L15NR.
- 7- Not suitable for outdoor locations.
- 8- Available only with STM.
- 9- Available only with 120V or 277V. Installed in Ø11" or Ø15" canopy with STM/SPG. Refer to the mounting images for more details. Not available with REM7, EM10, DL1L15NR, DL1L20, DL1L40, CAT3.
- 10- Not available with DL1L15NR, DL1L20, or DL1L40.
- 11- Available only on models up to 80w.
- 12- 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. When a downlight component is selected, battery powers the DL module unless otherwise specified. Not available with 347V, 480V, HVOLT or CAT3.
- 13- Contact factory to coordinate custom matching color.
- 14- Specify RAL number.
- 15- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

## ORDERING CODE

*SERIES	*LIGHT OUTPUT	*CCT	*VOLTAGE	ADDITIONAL LIGHT <sup>5</sup>
<b>CL672</b> 	<u>Static White</u>	<b>27K</b> 2700K	<b>120</b> 120V	<b>DL1L15NR</b> 1500 lm downlight with very narrow optic 9°, 24w
	<b>L12L30</b> 3224 lm/29w (537 lm/ft)	<b>30K</b> 3000K	<b>277</b> 277V	
	<b>L12L60</b> 6053 lm/55w (1008 lm/ft)	<b>35K</b> 3500K	<b>347</b> 347V	<b>DL1L20</b> 2000 lm downlight, 20w
	<b>L12L90</b> 8597 lm/81w (1432 lm/ft) <sup>1</sup>	<b>40K</b> 4000K	<b>480</b> 480V	
	<b>L12L120</b> 12329 lm/121w (2054 lm/ft) <sup>1</sup>	<b>RGBW</b> RGB + white 4000K	<b>HVOLT</b> 347V-480V	<b>DL1L40</b> 4000 lm downlight, 44w
	<u>RGBW</u>		<b>MVOLT</b> 120V-277V	
	<b>L12RGBW</b> 6272 lm/108w (1045 lm/ft) <sup>2,3,4</sup>			
	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.			

ADDITIONAL LIGHT DISTRIBUTION		*MOUNTING		SUSPENSION LENGTH		MOUNTING ACCESSORY		CONTROLS	
VNRA	Very narrow optic 9° <sup>6</sup>	CAT3	Catenary suspension attachment	12IN	12"	STC	Set of 3 stabilizer cables <sup>8</sup>	NLTAIR2	nLight AIR 2.0 control embedded in canopy with black antenna <sup>9</sup>
NRA	Narrow optic 15°			24IN	24"				
FLDA	Flood optic 30°	SPG	Silver braided power cord with aircraft cable <sup>7</sup>	36IN	36"				
VWDA	Very wide optic 52°			48IN	48"				
		STM	Field-cuttable hang straight stem	60IN	60"				

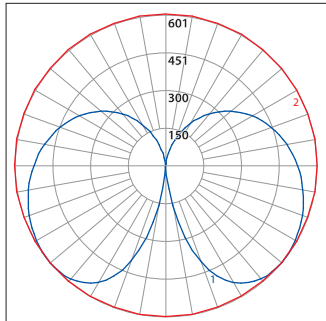
LENS/DIFFUSER	FUSE	SURGE PROTECTOR	EMERGENCY	*FINISH	ENVIRONMENT
<b>FT6</b> Flat translucent bottom <sup>7,10</sup>	<b>FS</b> Fuse	<b>SP</b> Surge protector 10KV	<b>EM10</b> Integral emergency battery, 90 min, 10w <sup>10,11</sup>	<b>BKT</b> Jet black	<b>MG</b> Marine grade paint <sup>15</sup>
			<b>REM7</b> Remote emergency battery, 90 min, 7W <sup>12</sup>	<b>BZT</b> Bronze	
				<b>CHT</b> Champagne	
				<b>DGT</b> Gun metal	
				<b>GRT</b> Titanium gray	
				<b>MST</b> Matte silver	
				<b>SGT</b> Steel gray	
				<b>WHT</b> Snow white	
				<b>CMC</b> Custom matched color <sup>13</sup>	
				<b>RAL</b> RAL color <sup>14</sup>	

## NOTES

- \*- Denotes a required field
- 1- An additional 3" will be applied to the housing for these models.
- 2- Not available with 347V, 480V, HVOLT, REM7, EM10, DL1L15NR, DL1L20, DL1L40, NLTAIR2.
- 3- Available only with RGBW option.
- 4- For STM option, max stem length is 36".
- 5- CCT will match CCT selected for fixture. OAH of fixture will increase by 4" with the addition of a downlight component for all models. See option details for more information. 0-10V dimming only. Additional light is not controlled independently.
- 6- Available only with DL1L15NR.
- 7- Not suitable for outdoor locations.
- 8- Available only with STM.
- 9- Available only with 120V or 277V. Installed in Ø11" or Ø15" canopy with STM/SPG. Refer to the mounting images for more details. Not available with REM7, EM10, DL1L15NR, DL1L20, DL1L40, CAT3.
- 10- Not available with DL1L15NR, DL1L20, or DL1L40.
- 11- Available only on models up to 80w.
- 12- 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. When a downlight component is selected, battery powers the DL module unless otherwise specified. Not available with 347V, 480V, HVOLT or CAT3.
- 13- Contact factory to coordinate custom matching color.
- 14- Specify RAL number.
- 15- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

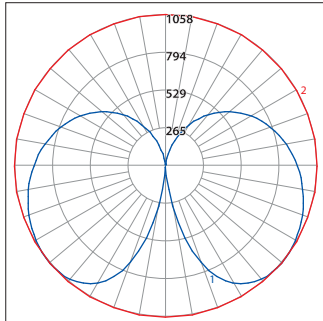
## TYPICAL PHOTOMETRY SUMMARY

CL622-L4L50



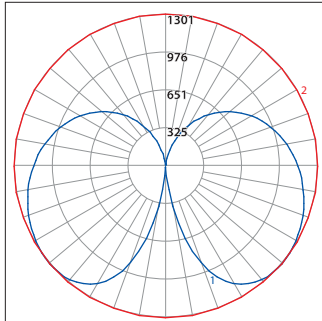
**Total Lms:** 5695 Lumens  
**Total Input Watts:** 58.8 W  
**Efficacy:** 97 Lumens/Watt  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 600 @ 42.5°/29°V

CL642-L8L100



**Total Lms:** 10,029 Lumens  
**Total Input Watts:** 100.9 W  
**Efficacy:** 99 Lumens/Watt  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1058 @ 42.5°/29°V

CL672-L12L120



**Total Lms:** 12,329 Lumens  
**Total Input Watts:** 121.2 W  
**Efficacy:** 101 Lumens/Watt  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1301 @ 42.5°/29°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](http://www.luminis.com) for complete I.E.S. file.

## LUMINIS.COM

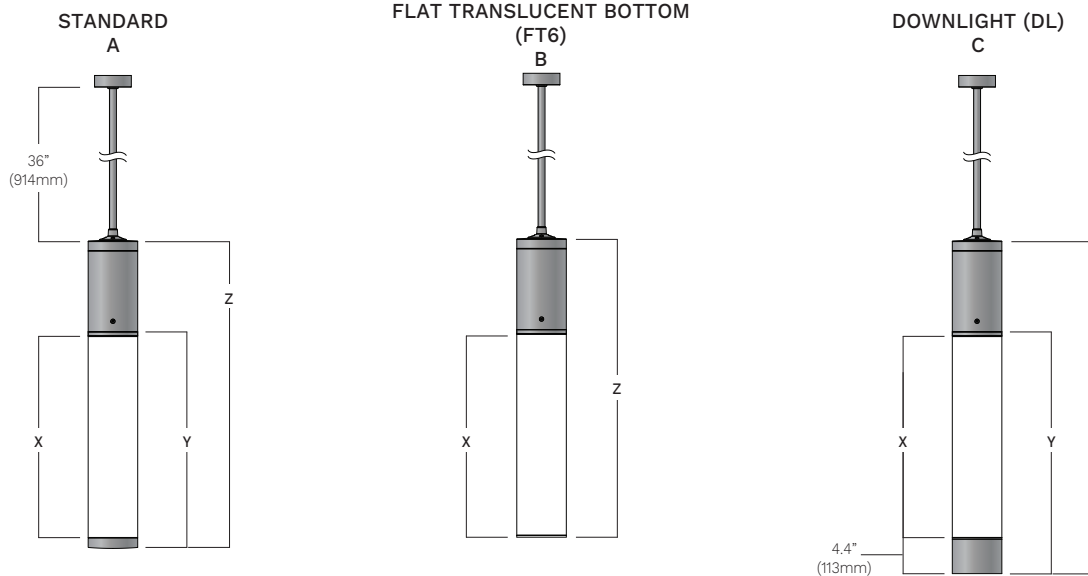
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CL622/CL642/CL672  
**Rev. 05/06/25**

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## DIMENSION DETAILS



### For the following outputs:

CL622: L4L10, L4L20, L4L30, L4L40  
CL642: L8L20, L8L40, L8L60  
CL672: L12L30, L12L60

	Model	X	Y	(OAH) Z
<b>A</b>	CL622	24.3" (618mm)	26.2" (667mm)	37.3" (947mm)
	CL642	47.9" (1217mm)	49.8" (1265mm)	60.9" (1546mm)
	CL672	72.3" (1837mm)	74.2" (1886mm)	85.3" (2166mm)
<b>B</b>	CL622 FT6	25.4" (644mm)	—	37.3" (946mm)
	CL642 FT6	49.3" (1253mm)	—	61.2" (1555mm)
	CL672 FT6	73.4" (1863mm)	—	85.2" (2165mm)
<b>C</b>	CL622 DL	24.3" (618mm)	29.4" (746mm)	40.4" (1026mm)
	CL642 DL	47.9" (1217mm)	52.9" (1344mm)	64.0" (1625mm)
	CL672 DL	72.3" (1837mm)	77.3" (1965mm)	88.4" (2245mm)

### For the following outputs:

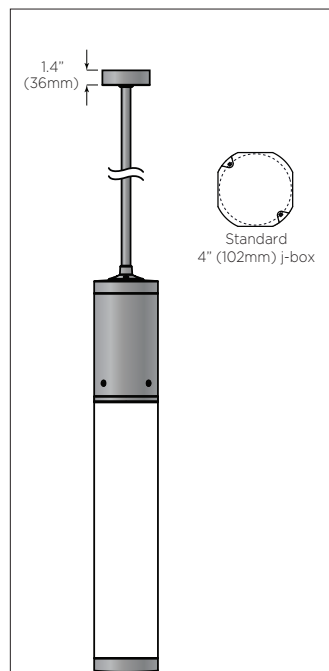
CL622: L4L50  
CL642: L8L80, L8L100  
CL672: L12L90, L12L120

	Model	X	Y	(OAH) Z
<b>A</b>	CL622	24.3" (618mm)	26.2" (667mm)	40.1" (1019mm)
	CL642	47.9" (1217mm)	49.8" (1265mm)	63.7" (1618mm)
	CL672	72.3" (1837mm)	74.2" (1886mm)	88.1" (2238mm)
<b>B</b>	CL622 FT6	25.4" (644mm)	—	40.1" (1018mm)
	CL642 FT6	49.3" (1253mm)	—	64.1" (1627mm)
	CL672 FT6	73.4" (1863mm)	—	88.1" (2237mm)
<b>C</b>	CL622 DL	24.3" (618mm)	29.4" (746mm)	43.2" (1098mm)
	CL642 DL	47.9" (1217mm)	52.9" (1344mm)	66.8" (1697mm)
	CL672 DL	72.3" (1837mm)	77.3" (1965mm)	91.2" (2317mm)

### For all the outputs:

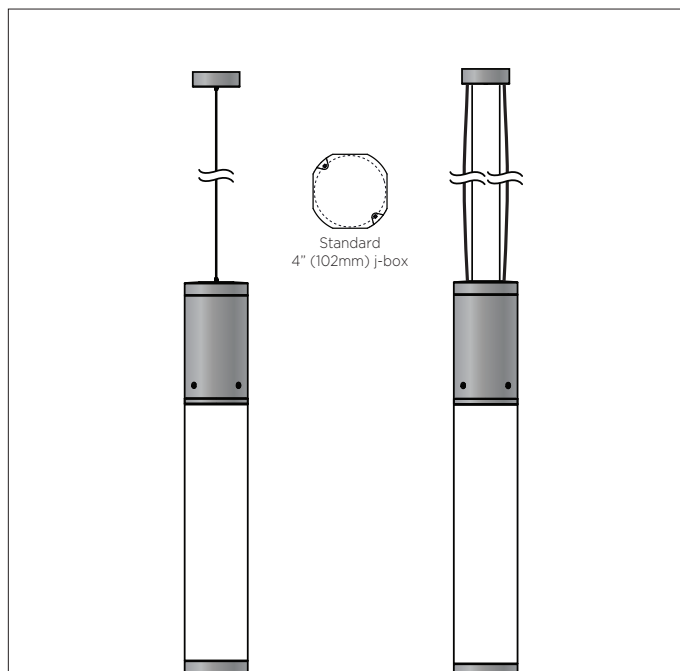
	Model	X	Y	(OAH) Z
<b>A</b>	CL622 RGBW	25.4" (645mm)	27.3" (694mm)	38.4" (974mm)
	CL642 RGBW	49.4" (1254mm)	51.3" (1303mm)	65.2" (1655mm)
	CL672 RGBW	73.4" (1864mm)	75.3" (1913mm)	89.2" (2265mm)
<b>B</b>	CL622 RGBW + FT6	26.4" (671mm)	—	38.3" (973mm)
	CL642 RGBW + FT6	50.4" (1280mm)	—	65.1" (1654mm)
	CL672 RGBW + FT6	74.4" (1890mm)	—	89.1" (2264mm)

## OPTION DETAILS



### STM

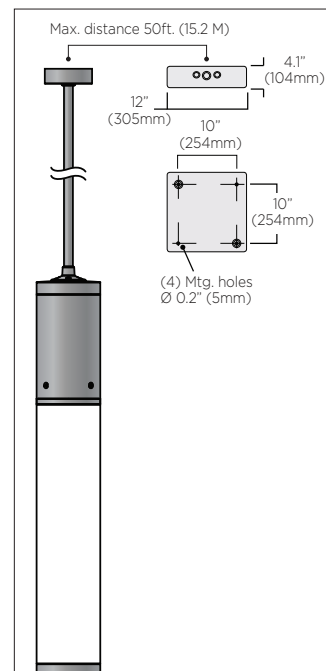
Heavy duty 30° hang straight swivel, with Ø 4.5" (114mm) canopy and universal mounting plate.  
Ø 7/8" (22mm) suspension stem with aircraft safety cable.



### SPG

Silver braided power cord with onsite adjustable aircraft safety cable.  
Second cord added to models with the following options: RGBW

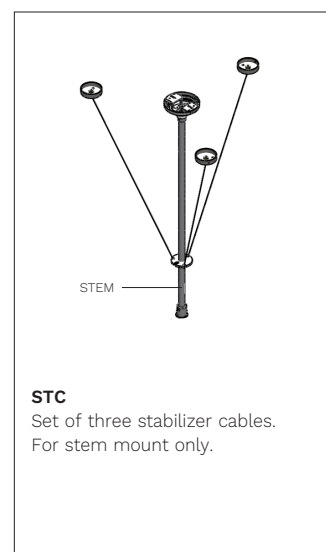
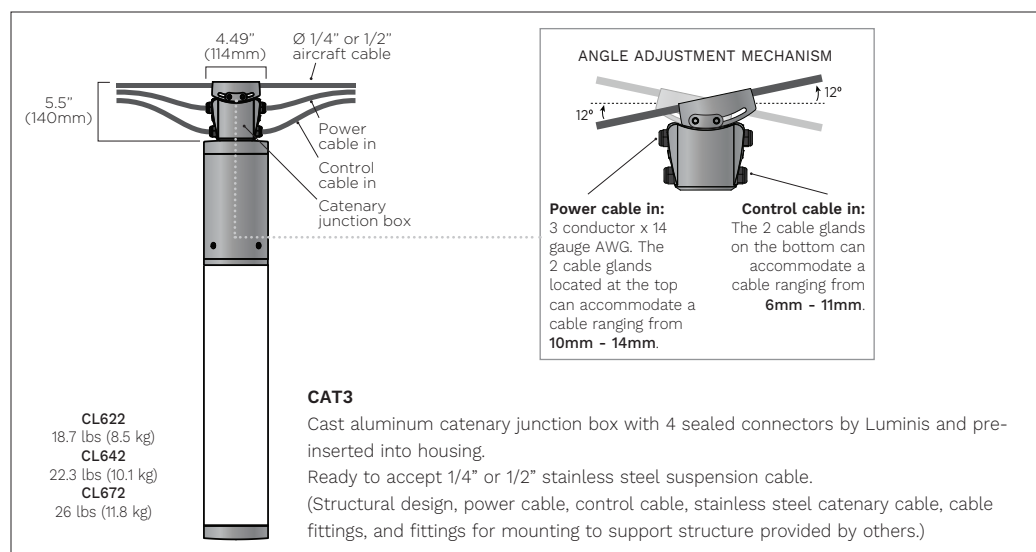
**Note:** For indoor only.



### REM7

7W Remote mount 120/277V emergency battery pack. Test switch provided within enclosure with 5" (127mm) leads.

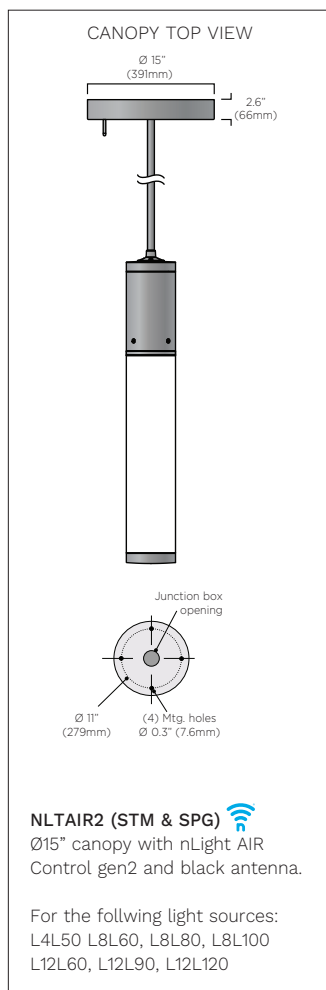
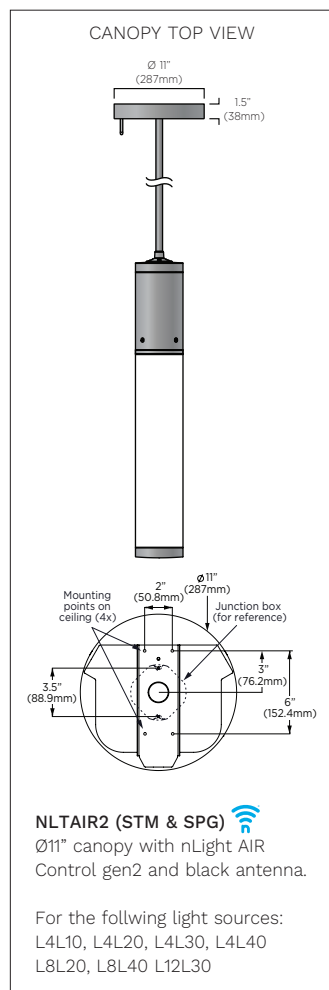
Applicable for both STM and SPG options.



### STC

Set of three stabilizer cables.  
For stem mount only.

## OPTION 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
CL622	9	1041	521	26	1005	502	35	2046	1023
CL642	19	2123	531	52	2035	508	71	4158	1039
CL672	28	3205	534	79	3067	511	108	6272	1045

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.