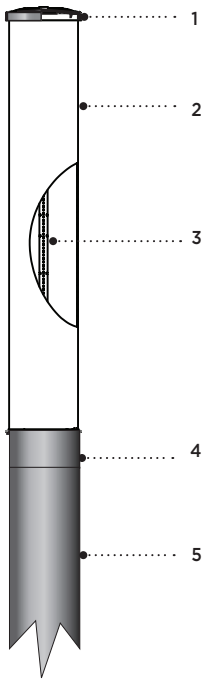
CL820/CL840/CL870 SERIES
LumiSTIK - LED
8" COLUMN

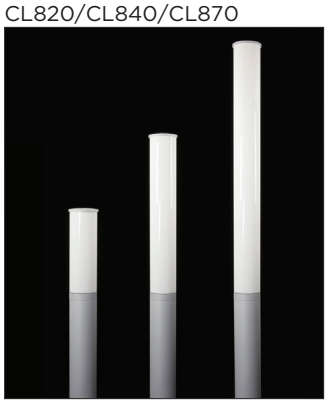
TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	WATTAGE	COLUMN	VOLTAGE	FINISH	OPTION	OPTION	OPTION



1- Heavy cast aluminum top cover with embedded heat sink.
2- Ø 8" (203) High impact white translucent acrylic diffuser UV stabilized. Available in three acrylic lengths: 24" (610), 48" (1219) and 72" (1829).
3- LED array.
4- Cast aluminum driver housing.
5- Ø 8" (203) Extruded aluminum column with built-in cast inner mounting base plate and access cover.

CL820/CL840/CL870



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 is contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.
LumiSTIK column is available in three standard acrylic lengths. Other lengths are available on request.

ELECTRICAL
DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30ºC/-22ºF to 60ºC/140ºF, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

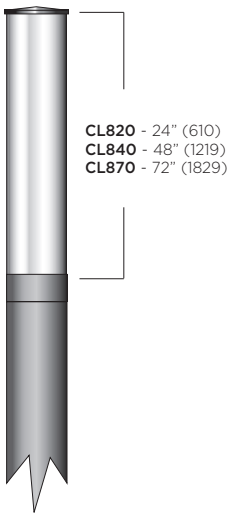
LED Standard 4000K CCT/80 CRI. Optional 2700K, 3000K and 3500K. Removable modular LED platform.

LIFE
50,000hrs $L_{85}B_{50}$ (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
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP65.

MOUNTING
LumiSTIK is designed for ease of access and installation.
For overall heights of 72" (6FT) to 240" (20FT): column is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.
For overall heights above 240" (20FT): column is secured with a set of (4) 1"-8 x 36" LG galvanized anchor bolts.
Accessibility is done through a flush mount 4"X7" (100X178) hand hole cover plate. Refer to page 3 for mounting information.



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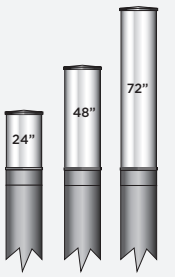
TYPICAL PHOTOMETRY SUMMARY

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

1 MODEL SELECTION

Select acrylic length



☐ CL820 ☐ CL840 ☐ CL870

2 LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL820	☐ L168W45	45W	3780
	☐ L168W65	65W	5395
CL840	☐ L336W45	45W	3870
	☐ L336W65	65W	5525
	☐ L336W100	100W	8400
CL870	☐ L504W65	65W	5655
	☐ L504W100	100W	8500
	☐ L504W150	150W	12450

3 OAH COLUMN SELECTION

	OAH Assembly		
POLE FOR:	CL820	CL840	CL870
☐ CLP843	72"	96"	120"
☐ CLP867	96"	120"	144"
☐ CLP891	120"	144"	168"
☐ CLP8115	144"	168"	192"
☐ CLP8139	168"	192"	216"
☐ CLP8163	192"	216"	240"
☐ CLP8187	216"	240"	264"
☐ CLP8211	240"	264"	288"
☐ CLP8235	264"	288"	312"

(OAH Column consists of acrylic + pole)

4 VOLTAGE[1]

☐ 120V
☐ 277V

Optional
☐ 347V

5 FINISH

STANDARD COLORS
☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel Gray
☐ BGT English Cream

OPTIONAL COLORS
Wood grain finishes
☐ NMR Mahogany red[2]
☐ NMO Maple oak[2]
☐ NTW Teak wood[2]
Base column only
☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

NOTE: LumiSTIK column is composed of five parts. Please specify: Model #, LED light source, OAH column, voltage and finish. Ex: CL840-L336W65-CLP8163-120-BKT

OPTIONS

ELECTRICAL

☐ **FS** Fuse[3]
☐ **PH** Photocell[3]
☐ **347L** 347V input power driver
☐ **SP** Surge protector 10KV

ACCESSORIES

☐ **GFI** Ground fault interruption receptacle[4]
☐ **CGF** Ground fault interruption with clear in-use cover[4]
☐ **BNF** Fixed 24" banner support (single arm at top)[5]
☐ **2BNF** Two fixed 24" banner supports (arm at top & bottom)[5]
☐ **BNF180** Two fixed 24" banner supports at 180º (arms at top only)[5]
☐ **2BNF180** Four fixed 24" banner supports at 180º (arms at top & bottom)[5]

LIGHT

Alternate CCT ºK LED (LCF: Lumen conversion factor)

☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)
☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
☐ **K35** 3500K CCT 80 CRI (LCF: 0.98)

NOTE: Other CCT & higher CRI available, please consult factory.

NOTES
1- Luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
2- Cast aluminum top & base covers are as follows for selected wood grain finishes: BZT paired with NMR; SGT paired with NMO; BGT paired with NTW (Other colors available. Please contact factory).
3- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires (except for other types of mounting).
4- GFI and CGF options are installed 26" above grade unless otherwise specified.
5- BNF, 2BNF, BNF180 & 2BNF180 are factory set in position as required. Location along pole to be specified.

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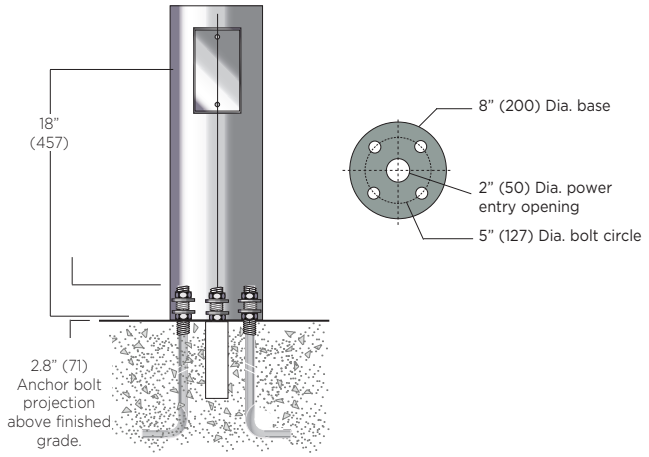
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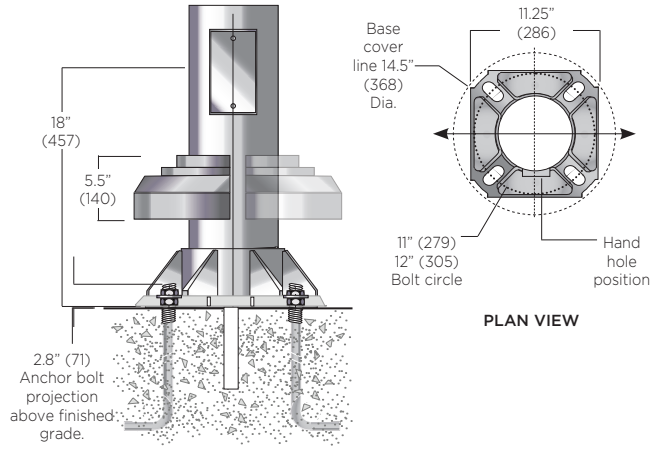
MOUNTING INFORMATION

OVERALL HEIGHTS FROM 72" (6FT) TO 168" (14FT)



Column is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.

OVERALL HEIGHTS ABOVE 168" (14FT)



For heights above 168" (14FT) through 240" (20FT) inclusively, column is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.

For heights above 240" (20FT) column is secured with a set of (4) 1"-8 x 36" LG galvanized anchor bolts.

MOUNTING ACCESSORIES



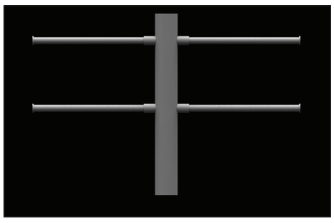
BNF: Fixed 24" banner support



2BNF: Two fixed 24" banner supports



BNF180: Two fixed 24" banner supports at 180º



2BNF180: Four fixed 24" banner supports at 180º

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