



# Light Columns

## LC-LED Series



### IDEAL APPLICATIONS

- University Campuses
- Condos
- Parks
- Office Complexes

### DESCRIPTION:

RAB Design's LC-LED Light Columns have a beautifully designed aesthetic, are fully customizable, and built locally at our factory in Toronto.

### FEATURES:

- Shafts are made of 6" extruded aluminum .125" wall thickness.
- Surface mount units have four 3/4" diameter galvanized anchor bolts with a 9 1/2" BCD, two piece aluminum base cover included.
- Lens is made of acrylic 6" diameter with a white finish to provide a soft even distribution.
- Hand hole opening designed to do comfortable wiring.
- Fully customizable construction & lumen package.
- Made in Canada.

SPECIFICATIONS	LC-LED20	LC-LED30	LC-LED60
Input Power (W)	17.8	29.8	60.44
Lumens (lm)	1530	2494	4921
Efficacy (lm/W)	86	84	81
Voltage (V)	120-277V, 347V		
Dimming	1-10V (10%-100%)		
CCT (K)	3000K, 4000K, 5000K		
Beam Distribution	Type V		
Cut off Shields	180° House Side Cut Off, Custom Decorative Inserts Available		
Lumen Maintenance	L80 > 72,000 Hrs		
Housing Finish	Any RAB Paint Finish (see page 3 for RAB colour palette), provide RAL# for other paint options		
Housing Details	Die Cast Aluminum		
Height	8ft, 10ft, 12ft for Surface mount, max. 8ft above ground for Direct burial		
Diameter	6"		
Lens Details	Milky Acrylic Lens		
Mounting	Surface mount, Direct burial		
Surge Protection	6KV*, 10KV (optional)		
Factory Installed Options	GFCI Outlet with courtesy USB charging port, EV Charger mounting bracket		
Other custom options	Laser etching/engraving (company Logos), Laser Cut patterns		
Certifications	Wet location rated, 5 Year Warranty		



LC-LED fixtures meet UL/CSA standards.

### AMPERAGE DRAW & SURGE PROTECTION

	CURRENT (A)				
	120V	208V	240V	277V	347V
LC-LED20	0.18A	0.11A	0.09A	0.08A	0.07A
LC-LED30	0.27A	0.16A	0.14A	0.12A	0.1A
LC-LED60	0.53A	0.31A	0.27A	0.23A	0.19A

### SPECIFICATIONS:

LC-LED	WATTAGE	LUMENS	EFFICACY (Lm/W)	BUG Rating
LC8-LED20	17.8	1530	86	B1-U4-G1
LC8-LED30	29.8	2494	84	B1-U4-G2
LC8-LED60	60.44	4921	81	B1-U5-G3
LC10-LED20	17.8	1530	86	B1-U4-G1
LC10-LED30	29.8	2494	84	B1-U4-G2
LC10-LED60	60.44	4921	81	B1-U5-G3
LC12-LED20	17.8	1530	86	B1-U4-G1
LC12-LED30	29.8	2494	84	B1-U4-G2
LC12-LED60	60.44	4921	81	B1-U5-G3

**CUSTOM OPTIONS**



**RAB PAINT FINISHES**

 bronze 195632 / G5512M17	 matte black 103848 / 33/80020	 black sandtex (textured) 194888 / P-2128-LT	 mirror black (shiny) 103849 / P51119	 white 103847 / P-1771-9	 dove grey 000047 / SCP-409	 blue 103865 / SCP-910
 red 103866 / P-6015-8	 yellow 195585 / RAL 1018 (TIGER)	 green 103884 / SCP-651	 garden green 194070 / TD01032-F-FILE#116P6			

**Metallic Colours**

 hammertone 194290 / TGIC DCL45980-0795-MM1	 sparkle silver 194260 / PM211511
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**Custom Colours**



**CUSTOM FINISHES**



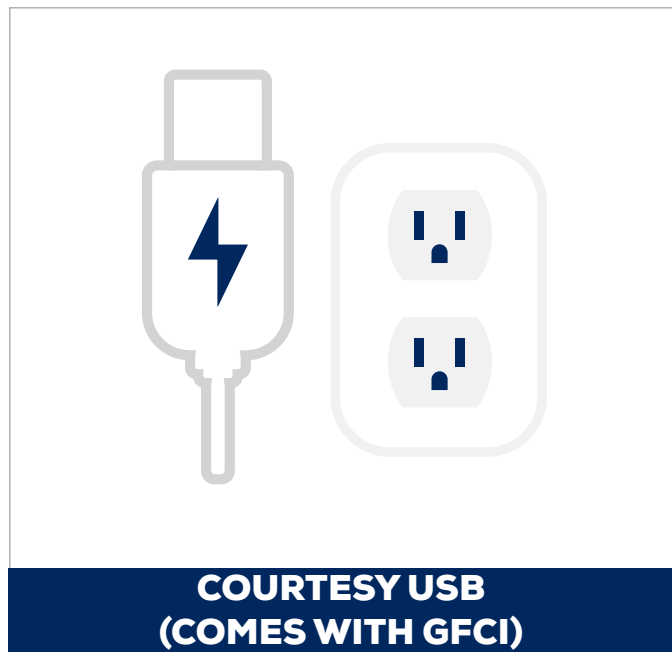
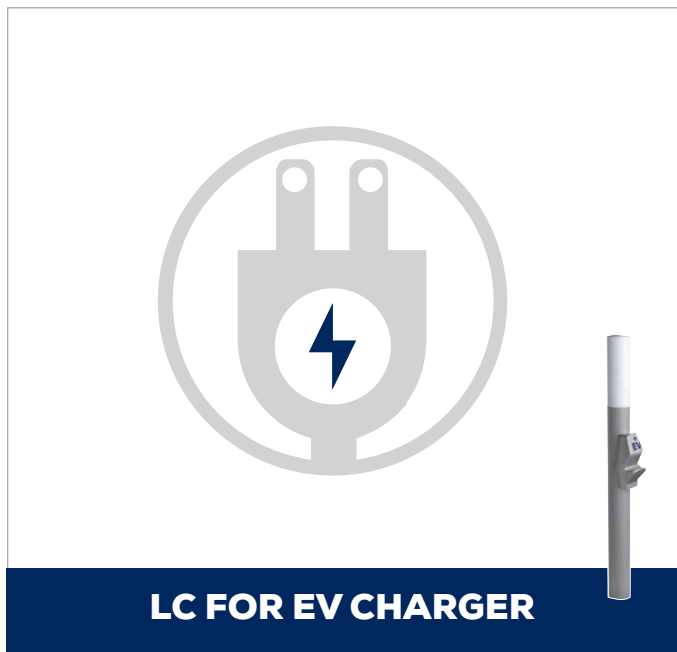
**LASER CUT LOGOS**



**LASER CUT PATTERNS**

(Please allow for longer lead times, pattern will be reviewed before confirmation)

## CUSTOM OPTIONS

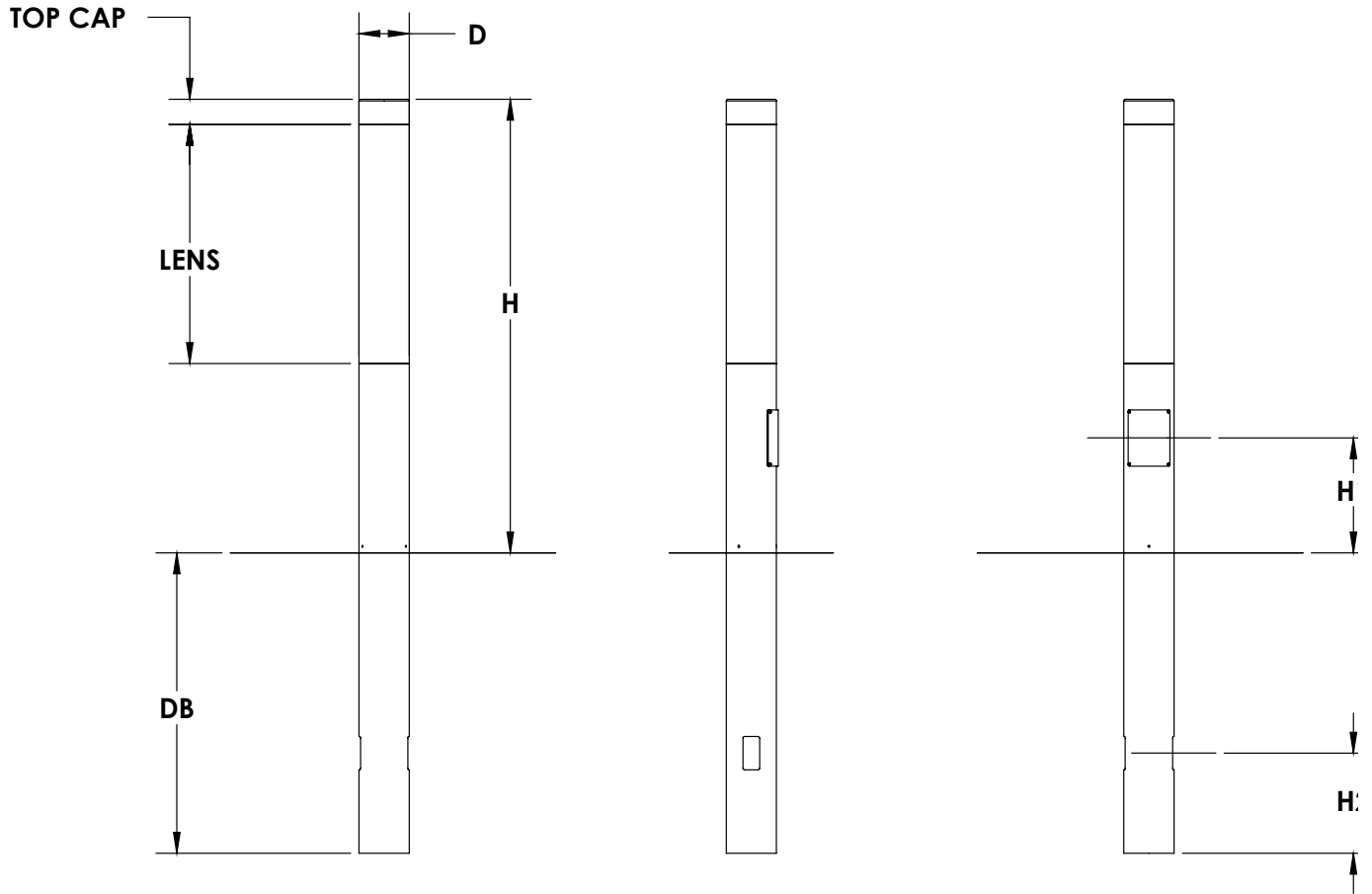


## MOUNTING



**DIMENSIONS**

**DIRECT BURIAL**

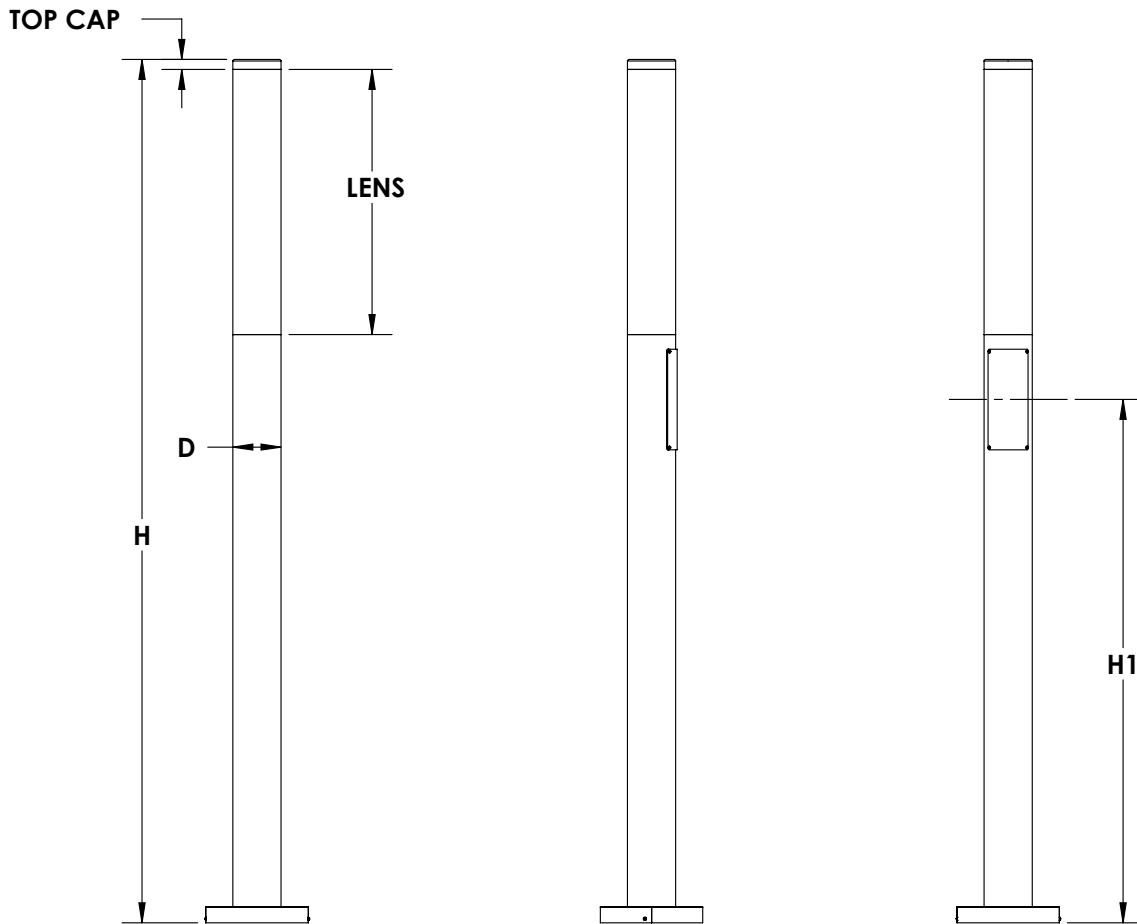


- D - COLUMN DIAMETER**
- DB - DIRECT BURIAL - LENGTH UNDER GROUND**
- H - HEIGHT ABOVE GROUND**
- H1 - HEIGHT FROM GROUND LEVEL TO CENTER OF HAND HOLE**
- H2 - HEIGHT FROM BOTTOM OF ALUMINUM TUBE TO LINE CABLES' OPENINGS**

Note: Drawings are built specific to the requirement, which need customer's approval during quotation/production stage

## DIMENSIONS

### SURFACE MOUNT



**D - COLUMN DIAMETER**  
**H - TOTAL HEIGHT FROM GROUND LEVEL**  
**H1 - HEIGHT TO CENTER OF HAND HOLE**

Note: Drawings are built specific to the requirement, which need customer's approval during quotation/production stage

## ORDERING GUIDE:

FIXTURE	WATTS	VOLTAGE	COLOUR TEMP.	FINISH	MOUNTING	DIMMING
LC8 - 8'	LED20	B - 120 - 277V	3K - 3000K	SBK - SANDTEX BLACK	DBX - (for LC8 only; X - SPECIFY BURIAL DEPTH IN FEET)	DIM - 0-10V DIMMING
LC10 - 10'	LED30	C - 347V	4K - 4000K	DGY - DOVE GREY	SM - SURFACE MOUNT (for LC8, LC10, LC12)	
LC12 - 12'	LED60		5K - 5000K	CC - CUSTOM COLOURS		

Note: Above are our popular offerings.  
Please inquire from RAB customer success  
team for custom lumen package options.

### CUSTOM OPTIONS



#### LASER CUT LOGO



#### LASER CUT DESIGN



#### COURTESY USB CHARGING (comes with GFCI OUTLET)



#### LC WITH EV CHARGER MOUNTING BRACKET charger provided and installed by others

Note: For above mentioned custom options:

- Engineering drawings need customer approval before final production.
- Expect longer lead times.