

CapRAIL LED GLASS RAIL SYSTEM

The LEDscape CapRAIL is an LED based cap rail system that provides continuous functional lighting for a safe indoor and outdoor environment. It mounts on 1/2 inch to 3/4 inch glass, integrating FLEX LED strips (24 V DC) into an aluminum cap rail with a stainless steel effect finish. Ideal for high-end architecture, infrastructure, construction, health and entertainment projects.

PRODUCT HIGHLIGHTS

- **POWER:** 1.3 – 6.1 W/ft
- **LUMEN:** 200 – 875 lm/ft
- **CORD LENGTH:** 6 ft
- **CRI:** > 90
- **BINNING:** ± 50K
- **EXPECTED LIFETIME:** L70 > 80,000 hours
- **OPERATING TEMP:** -22 °F to 131 °F
- **DEGREE OF PROTECTION:** IP65
- **OPERATING VOLTAGE:** 24 – 25V
- **DIMMABLE:** Low Voltage / 0-10V
- **RATING:** UL
- **MATERIAL:** Aluminum
- **COLOR:** Brushed (mil), custom per request

AVAILABLE COLORS

- Extra Warm White 2700K
- Warm White 3000K
- Cool White 3500K
- Natural White 4000K
- Daylight White 5000K
- Cold White 6500K
- RGB / RGBW
- Custom

CHARACTERISTICS

Power		Dimensions	Length Inc. ¹	Max Run Length ²	Dimming
P	1.32 w/ft	0.39 x 0.25	4.92 in	16 ft	Low Voltage / 0-10V
HP	2.2 w/ft		3.93 in		
PH1	3.0 w/ft		2.46 in		
PH2	4.0 w/ft		1.96 in		
RGBW	6.1 w/ft	0.47 x 0.25	1.31 in		

Notes:

1. Length Increments: Refers to the Strip's cuttable segments. Example: If 1 ft Power (P), you will cut 9.84 in or 14.76 in.

2. Max Run Length: Refers to the Strip's total run length from connector to end, including interconnected lengths. Example: if you are ordering 60 ft of Power, you will need 4 EA 16 ft lengths.

MAX. connection length between -4 °F and -22 °F is 1/3 of listed above. Lumen calculated at 2700K, please request individual data sheets if needed. Circuits with LEDscape product must have surge protection to qualify for 5 year warranty. LEDscape reserves the right to modify the information above without notice.

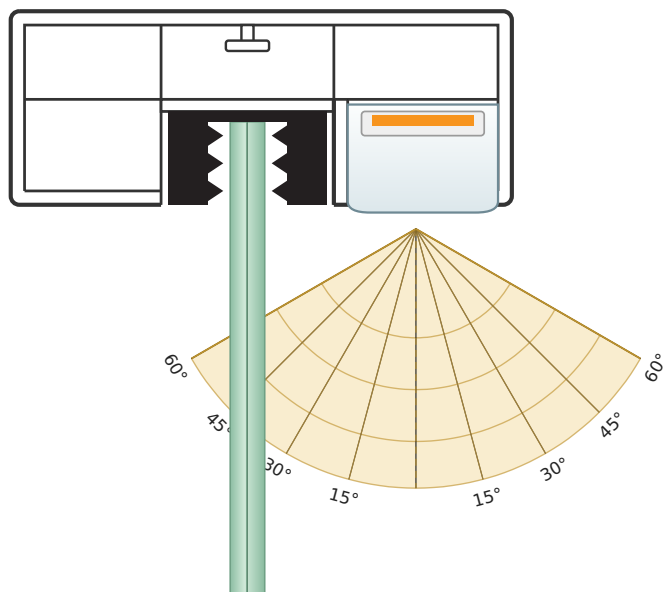
ORDERING CHART

Ordering Example: 15-CR65-2.2-30-65-D-1L

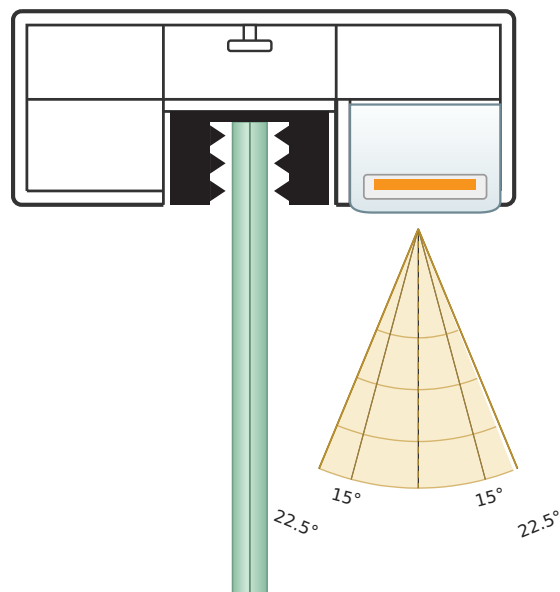
Length	Product Code	Output		Color		Environment		Lens		Mounting (Glass)	
Specify in FT	CR65	1.3	200 lm/ft	27	2700K	40	IP40 Indoor	D	Diffused	1M	3/4" Monolithic
		2.2	300 lm/ft	30	3000K	65	IP65 Outdoor	C	Clear	1L	5/16 - 3/8 in
		3.0	405 lm/ft	35	3500K					2L	1/2 - 9/16 in
		RGBW	325 lm/ft	40	4000K					3L	5/8 - 11/16 in
		CU	custom	50	5000K					4L	13/16 - 27/32 in
				65	6500K						
				CU	custom						

Note: Glass supplied by others.

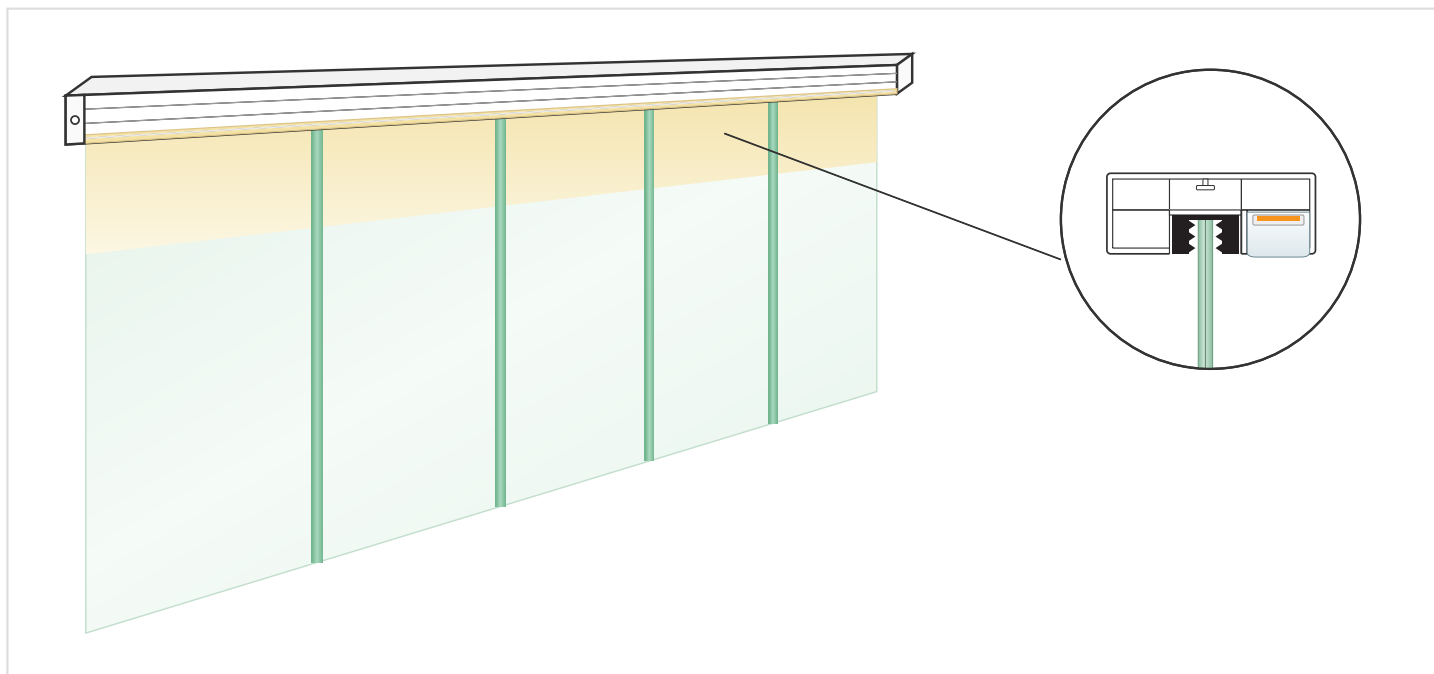
LIGHT DISTRIBUTION



Wide distribution — 15° / 30° / 45° / 60°



Narrow distribution — 15° / 22.5°





LEDSCAPE OUTDOOR POWER SUPPLY

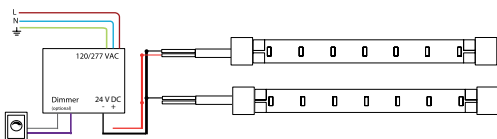
The LEDscape Series of Constant Voltage Class 2 LED Drivers from offers both cETLus style enclosures. The enclosure has a built-in junction box on both the input and output. These drivers are IP68 and are suitable for all locations. With universal input voltage ranging from 120 to 277VAC, this series of drivers are designed for commercial, industrial and residential applications. Our 5in1 smooth flicker-free linear dimming down to 1% and a wide variety of compatible dimmers, including 0-10V, Magnetic and Low voltage.

PRODUCT HIGHLIGHTS

- **INPUT VOLTAGE:** 120/277 V
- **OUTPUT VOLTAGE:** Variable 18-25V
- **INPUT FREQUENCY:** 50/60 HZ
- **OPERATING TEMP:** -13°F – 104°F
- **DEGREE OF PROTECTION (IP):** IP68
- **DIMMABLE:** to 1%
- **CLASS 2:** All sizes
- **LOAD REQUIREMENTS:** 10%

Note: If using outdoor, verify contractor use included water and moisture tight enclosure. Not direct burial rated.

POWER AND CONNECTION DIAGRAM



POWER SUPPLY = Product Wattage X Length

24 Nominal supply voltage of LEDscape in Volt
Recommended MAC output of power supply 80%

To calculate MAX run distance from Power Supply to LED
reference power drop chart : [Here](#).

CHARACTERISTICS

Power	Output Current	Efficiency	Power Factor	Dimensions
30W	1250mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
60W	2600mA	> 86%	>0.95	7.50" L X 3.62" W X 1.65"H
96W	4800mA	> 86%	>0.95	8.50" L X 3.66" W X 1.65"H
120W (2x60 watt)	5000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
192W (2x96 watt)	8000mA	> 86%	>0.93	10.15" L X 4.85" W X 1.65"H
288W (3x96 watt)	8000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H
384W (4x96 watt)	16000mA	> 86%	>0.93	12.44" L X 4.85" W X 1.65" H

ORDERING CHART

NOTE: View additional options [here](#).

Ordering Example: PS-24-O-D3-60-U

Series		Output Voltage		Environment		Dimming		Wattage		Voltage Input	
PS	Power supply	24	24V	O	Outdoor/Indoor	ND	Non Dimming	30	10-30W	U	120/277V
						D3	5 in 1 Dimming	60	31-60W		
								96	61-96W		
								120	97-120W		
								192	121-192W		
								288	193-288W		
								384	289-384W		
								CU	Custom Output		

DISCLAIMER: The information on these pages are as accurate as possible, however LEDscape or any reseller of LEDscape cannot be held liable for any damages resulting from errors or outdated information. LEDscape reserves the right to modify the information without informing the customers. Check for the latest version on the Internet, the most up to date information will be published on www.ledscape.com. Qualified and Licensed Electrical Contractor must install the product. This product should not be used in applications, devices or systems where incorrect operation of the product may result in personal injury (includes emergency lighting) without written permission from LEDscape. If nevertheless used in such applications, devices or systems LEDscape cannot be held liable for any resulting injury.