

Direct Connect Light Strips (16ft) and Extension Specifications



Box Contents



Direct Connect Light Strip	(1) Direct Connect Light Strip - 16ft (1) User Guide
Direct Connect Light Strip Extension	(1) Direct Connect Light Strip Extension (1) Fixed Snap Connector (1) User Guide

Specifications

Device		
Light Strip	Description	CLEDSTR12CDIDB
	Input Voltage	120V
	Life (Hours)	15,000
	Zone Number	30
	Color Mixing	RGBW
	CCT Range	2000-7000K (4000K + RGB color mixing)
	Color Range	16 Million
Light Strip Extension	Description	CLEDSTX6CDIDB
	Zone Number	15

Dimensions and Weights				
Light Strip	Length	Width	Height	Weight
	16ft (5m)	0.47in (12mm)	0.19in (5mm)	0.82lbs (370g)
Light Strip Extension	Length	Width	Height	Weight
	8ft (2.5m)	0.47in (12mm)	0.19in (5mm)	0.33lbs (150g)

Hardware	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Trimable	Yes
Extendable	Yes, up to 32ft
LED Spacing	2.2in
Segment Size	6.6in
Manufac. Process	Extrusion Glue
Environmental (Dry, Damp, Wet)	Dry
Indoor/Outdoor	Indoor
IP Rating	IP20

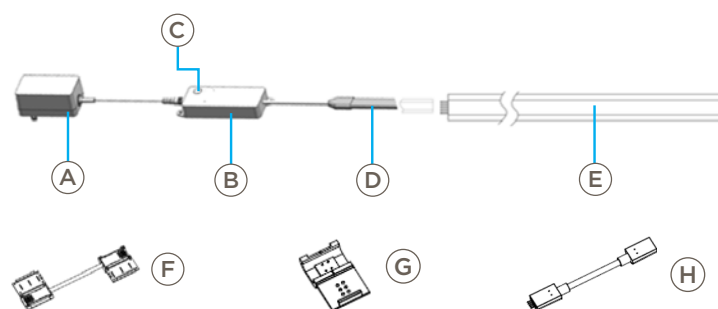
Electrical	
Start Time	<1.5s
Power Factor	>0.7
Power	24W
Adapter Output Voltage	12V
Adapter Output Current	2A
Flicker	<30% @ 20% and 100% dimming level
Audible Noise	20dB @ 30cm

Controls	
Dimmable	Yes
Dimmer Type	Dimmable through Cync App, Cync Remotes and Cync Dimmers
Wireless	Yes
Wireless Protocol	Wi-Fi (2.4 GHz) and BLE
Mobile Compatibility	Works with iOS 13 and above and Android 9 and above
Voice Assistant Compatibility	Works with Google Home and Amazon Alexa

Reliability and Warranty		
Warranty	1 Year	
Warranty Operating Conditions	Operating Voltage	120Vac, 60Hz
	Operating Temperature	32°F to 104°F (0°C to 40°C)
	Operating Humidity	RH < 80% 32°C

Certifications	
Safety Listing	UL153 and cUL153
Safety Listing (Adapter)	UL1310 and cUL1310
Lighting Facts	Yes

Device Overview



(A)	Adapter
(B)	Control box
(C)	On/Off Toggle Button - Press and hold for 10 seconds to factory reset the device.
(D)	Light Strip
(E)	Light Strip Extension - Sold separately.
(F)	Reconnector - Comes in box with Dynamic Effects Indoor Light Strip Only
(G)	Fixed Snap Connector - Comes in box with Dynamic Effects Indoor Light Strip Extension Only
(H)	Conner Connector - Comes in box with Dynamic Effects Indoor Light Strip Extension Only