

ONE SYSTEM, EVERY INSTALL

Every Lighting Leaf install uses the same four parts and the same wiring method: a 24V DC power supply, one all-in-one controller, matched connectors, and any Lighting Leaf 24V LED tape.

Start with a single wall remote, then add the app, voice, or a Control4 system later without changing the hardware.

CONTROL OPTIONS

Wall remotes	RF, up to 8 per controller
Lighting Leaf app	Bluetooth setup, Wi-Fi control
Voice	Alexa and Google via Smart Life
Control4	Free two-way driver, OS 3.3.3+

SYSTEM CONNECTION



120V AC in > 24V DC to the controller > tape-to-wire connector > dimming, CCT or color to the tape.

THE FOUR PARTS

Power supply 200 W, 24V DC. Size to tape length and watts per foot: about 130 ft of IC tape or 43 ft of Radiance RGB per supply.

Controller One model for every tape type. 12 to 24V DC in, 4 A per channel (96 W at 24V). No hub or DMX programming.

Connectors Tape-to-wire, tape-to-tape and flex wire bridge connectors matched to each tape. Wire 20 to 16 AWG.

LED tape Single color E, X, D, R and IC series. Multi-color CCT, RGB+W, RGB+CCT, and PhosCore™ R-RGB and R-CCT.

CONTROLLER MODE BY TAPE

TAPE	DIP MODE
Single color (E, X, D, R, IC)	DIM
Tunable white (CCT, R-CCT)	CCT
Color (R-RGB) and RGB+W	RGBW
RGB + tunable white	RGB+CCT

Set the DIP switch with the power off. Factory default is RGB+CCT.

WHY INSTALLERS USE IT

Repeatable installs

The same parts and wiring method on every job, so crews learn it once.

Mix and match control

Remotes, app, voice and Control4 work together in any combination, with multi-zone sync across controllers.

Built for the trade

Quick start guides and install manuals at lightingleaf.com, plus a free Control4 driver on request.

RELATED RESOURCES

DOCUMENT	WHAT IT COVERS
Controller Quick Start Guide	Wiring for single color and Radiance RGB, DIP switch modes, remote and app pairing
LED Tape Series Guide	Choosing a tape series by application, part number decoder, specs by series
Control4 Integration	Two-way driver features, system design and how to request the driver

Specifications subject to change. See lightingleaf.com for the latest data and instructions.