

Starlet Architectural Modular LED Lighting

Dimmer Compatibility Statement & Legal Disclaimer

(Applicable Models: Starlet AP1 and Starlet RP1 120V Light Engines)

Overview

Starlet AP1 and RP1 Light Engines are equipped with premium 120V TRIAC (Forward-Phase) dimming drivers, engineered to provide smooth, continuous dimming down to 10%. To streamline commercial tenant improvements and ensure immediate jobsite readiness, SunSpark Corp. has verified compatibility with the following readily available wall dimmers, which can be sourced locally at standard electrical supply houses or major retailers such as The Home Depot.

Approved Dimmer List

Manufacturer	Dimmer Series & Model Number	Dimming Protocol	Load Rating
Lutron	Maestro LED+ Dimmer (MACL-153M)	120V TRIAC / Leading Edge	Up to 150W LED
Lutron	Skylark Contour LED+ Dimmer (CTCL-153P)	120V TRIAC / Leading Edge	Up to 150W LED
Leviton	SureSlide LED Dimmer (6674-P0W)	120V TRIAC / Leading Edge	Up to 150W LED

Contractor Note: To maintain optimal dimming curves, calculate the total wattage of all Starlet Light Engines on the circuit and ensure it does not exceed the maximum LED load rating of the selected switch.

Legal Disclaimer & Limitations of Liability

1. Field Condition Variances

This compatibility statement is provided as a reference tool for contractors and specifiers. SunSpark Corp. tests products in a controlled laboratory environment. Real-world performance may vary due to jobsite conditions outside of our control, including but not limited to utility voltage fluctuations, electrical line noise, wire length, the total number of fixtures on a single circuit, and undocumented manufacturing changes made by dimmer brands.

2. Excluded Dimming Protocols

Starlet AP1 and RP1 120V Light Engines are engineered strictly for use with **TRIAC (Forward Phase / Leading Edge)** dimming systems. The use of 0-10V (e.g., Leviton IP710 series), Electronic Low Voltage (ELV), Reverse Phase, or incompatible smart-home switches will result in flickering, audible buzzing, or premature driver failure, and will immediately void the SunSpark Corp. product warranty.

3. Installation Compliance

All electrical installations must be performed by a licensed electrical contractor in strict accordance with the National Electrical Code (NEC) and all applicable local, state, and federal building codes. SunSpark Corp. accepts no liability for improper wiring, overloaded dimmer circuits, or failure to follow the installation instructions provided by the third-party dimmer manufacturer.

4. Limitation of Warranty and Liability

SunSpark Corp. warrants the Starlet lighting fixtures exclusively according to our standard published product warranty. SunSpark Corp. makes no representations or warranties regarding the performance, safety, or longevity of third-party dimmer switches. Under no circumstances shall SunSpark Corp., its distributors, or its agents be held liable for incidental, consequential, or special damages, including but not limited to labor back-charges, equipment rental, or loss of revenue arising from dimmer incompatibility, visual flickering, audible noise, or field adjustments.

5. Requirement for Jobsite Mockups

Because dimmer manufacturers frequently update internal components and firmware without altering the external model number, SunSpark Corp. reserves the right to update or modify this compatibility list at any time without prior notice. It is the responsibility of the specifying contractor to verify exact compatibility via a physical jobsite mockup prior to full-scale project installation.