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(54) **WIRELESS COLOR TUNING FOR CONSTANT-CURRENT DRIVER**

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(57) **ABSTRACT**

Various embodiments include apparatuses and methods enabling a wireless control apparatus for an LED array. In one example, a control apparatus includes a wireless module to receive a signal from a wireless control-device. The wireless signal may include signals related. to a desired CCT value and a D_{uv} value. A control unit is coupled to the wireless module to translate signals received. from the wireless module. The control unit is also coupled to the LED array and to an LED driver. The control unit receive powers for the LED array from the LED driver and provides the power to the LED array in a manner based on the translated signals. A dimmer emulator is coupled to the control unit to provide one or more control signals to the LED driver. Other apparatuses and methods are described.