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(54) **LIGHTING CONNECTIVITY MODULE**

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(57) **ABSTRACT**

A lighting module, including: a baseboard configured to receive a user signal indicating a user lighting preference; a communication submodule configured to receive the user signal and convert the user signal to machine readable data indicating the user lighting preference; a control submodule communicably coupled to the wireless communication submodule for receiving the machine readable data, wherein the microcontroller submodule comprises: memory configured to store a lighting parameter provided by a provider, and a processor configured to generate lighting driver instructions based on the user lighting preference and the lighting parameter; and a lighting mode output submodule configured to output the lighting driver instructions to a lighting driver module of a lighting assembly for controlling light emitting elements of the lighting assembly.