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- (54) **SYSTEMS AND METHODS FOR DETERMINING DIMMING PROFILES**

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- (57) **ABSTRACT**

An electronic device is described. The electronic device includes a dimming profile processor. The dimming profile processor is configured to receive light sensor data from a light sensor. The light sensor data indicates measurements of light produced by a lighting load over a range of dimming settings. The processor is also configured to determine a dimming profile based on the light sensor data and dimming settings data.

