Luci EOS² – Configuration manual

This document describes all the available configuration items of a Luci EOS² as shown in the data slider of the EOS Manager.

Data slider

Figure 1 shows the configuration data slider for a Luci. The amount of tabs depends on the user level of the logged in user, e.g., the advanced tab is only available for advanced EOS Managers. Every item in the list can have different colors:
- Grey: data is not yet downloaded from device. Please press get data.
- Blue: data is available and ready to be edited.
- Yellow: Manually changed setting. Please press apply to upload to device
- Red: This item cannot be change due to missing packages. Please enable the related package on the device to be able to change the configuration item.

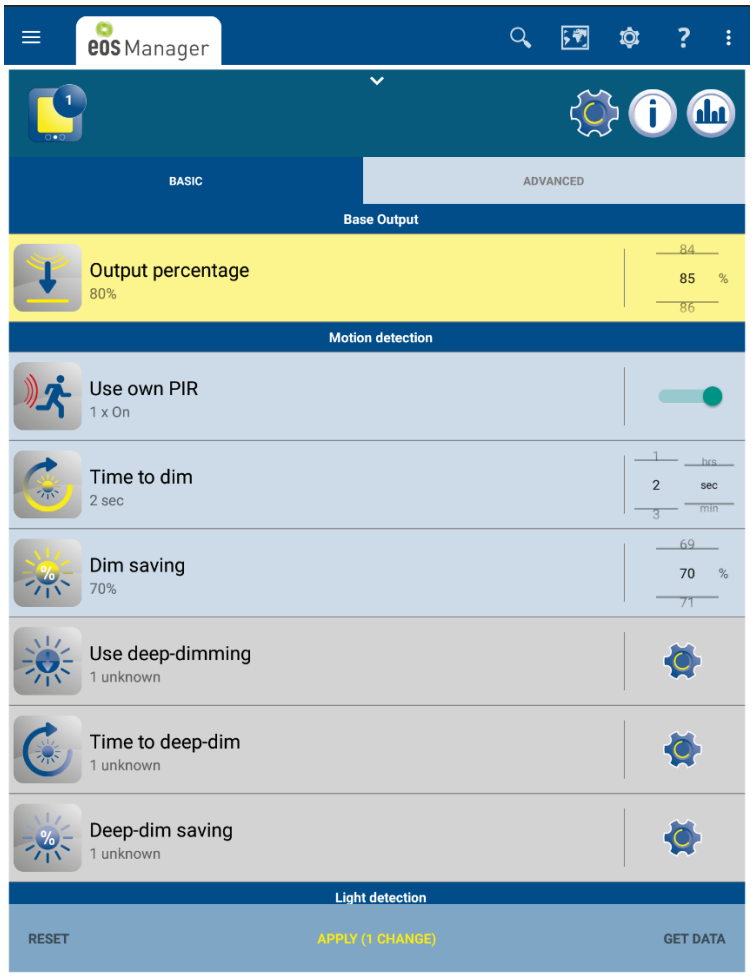

Figure 1: Data slider

The following tables gives an overview of all basic configuration items for a Luci EOS:

Basic configuration tab	Range	Default
Base Output		
Output percentage *Maximum output percentage at 'full power', e.g. if motion detection is used, this will be the output percentage if motion is detected.*	0–100%	80%
Motion Detection		
Use own PIR *Use the internal PIR as indicator for motion*	Yes/No	Yes
Time to dim *Time after a detected motion after which the output goes from 'Output Percentage' to 'Dim Percentage' * 'Output percentage'*	0 s-18 h	2 min
Dim saving *Percentage of the maximum 'Output percentage' used as the output of the Luci after 'Time to Dim', e.g., Dim saving of 100% means the device has 0% output after 'Time to dim'*	0–100%	70%
Use deep-dimming *Second step in dimming where the time to deep-dim is higher than time to dim, and the deep-dim percentage is higher than dim percentage.*	Yes/No	No
Time to deep-dim *Similar to time to dim*	0 s-18 h	5 min
Deep-dim saving *Similar to dim saving*	0-100%	100%
Light Detection		
Use own DLS *Use the internal DLS as an indicator of light level. The actual behaviour is found under advanced settings tab. When not changed, default settings are used (see below)*	Yes/No	No
Off above *If the level of light observed by the light detection is above this value, the Luci applies maximum dimming (100%/Off is the default, can be changed in advanced tab). Note: in between the low and high threshold, linear dimming takes place, e.g. with a light level exactly in between the low and high level 50% dimming is applied.*	0-1000	200
On below *If the level of light observed by the light detection is below this value, the Luci applies minimum dimming (no dimming/full on (0%) is the default, can be changed in advanced tab)*	0-1000	100

The following table gives an overview of all advanced configuration items for a Luci EOS:

Advanced configuration tab	Range	Default
EOS		
Device network identifier *The network the Luci is part of. Changing this will result in a different network seen during EOS network discovery. If not set, the EOS manager will ask to set it with first use.*	1-30	Not set
EOS compatibility mode *A device operating in compatibility mode is able to be discovered by non-EOS compatible devices using the EOS Manager.*	Yes/No	Yes
Output		
Attended timeout *Time after device startup in which sensors are ignored (except temperature) and output is at the value defined by the basic configuration item 'Output percentage'*	0 m-24 h	0 min
Fade-in speed *Speed at which a change from one output percentage to another higher is performed, for example with dimming. In %/s, e.g., from 60% to 100% output with a speed of 10%/s takes 4 seconds.*	1-100%/s	10%/s
Fade-out speed *Speed at which a change from one output percentage to another lower is performed, for example with dimming. In %/s.*	1-100%/s	10%/s
LIPS		
Use cold-start *Whether too use a slower startup if the temperature lower than 0 degrees. Temperature threshold for cold-start and cold-start length can be changed by the Expert configuration items.*	Yes/No	Yes
Use light-normalizer *Use the light normalizer approach where the maximum output of the Luci is limited, where the limitation is reduced over time. Default 10% output reserved, which can be edited by expert user.*	Yes/No	No
Light detection		
Off level saving *Percentage of dimming if light detected is higher than 'Off above'.*	0-100%	100%
On level saving *Percentage of dimming if light detected is lower than 'On below'*	0-100%	0%

Revision	Date	Description
1	5-9-2017	First release.
2	11-10-2017	Small update in order of configuration items