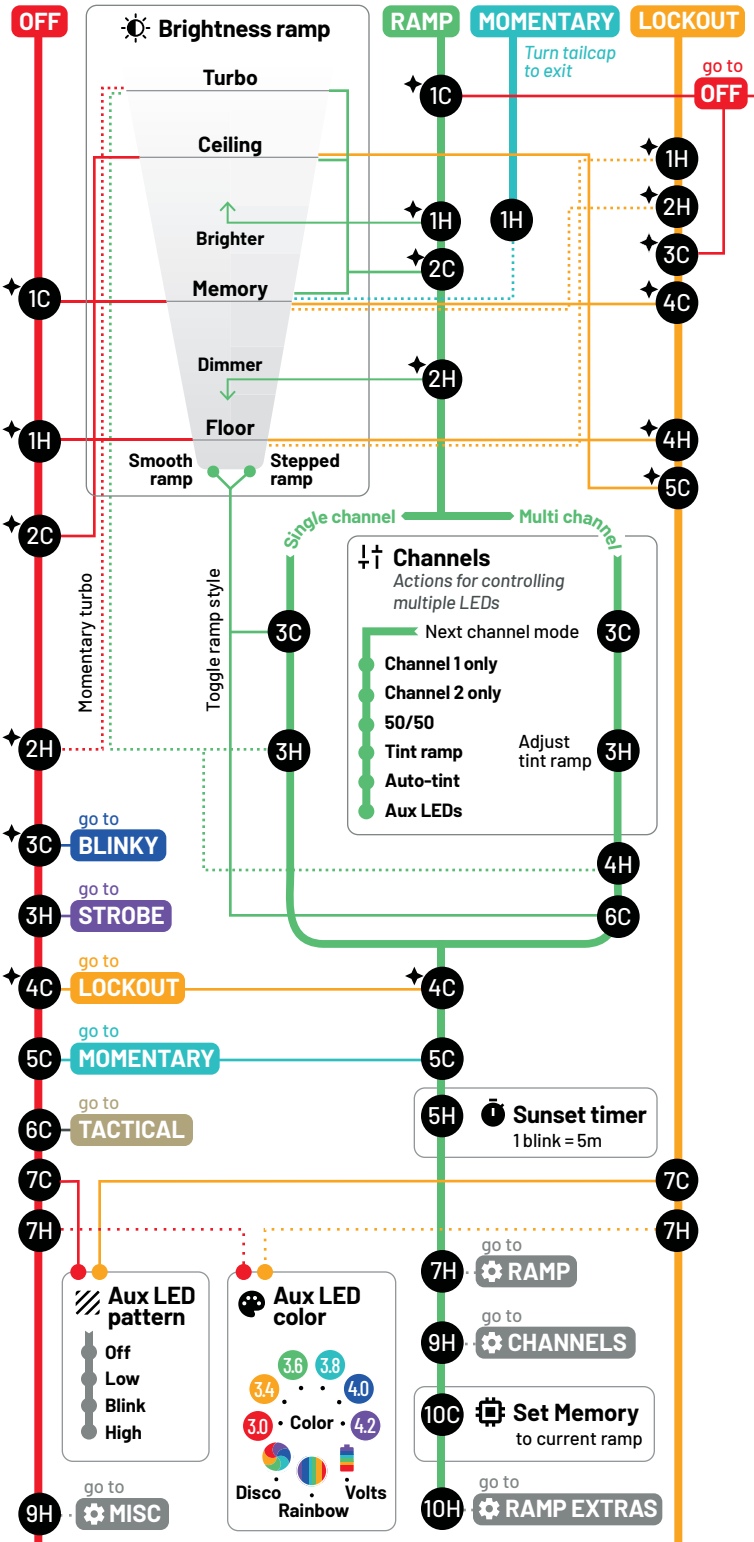
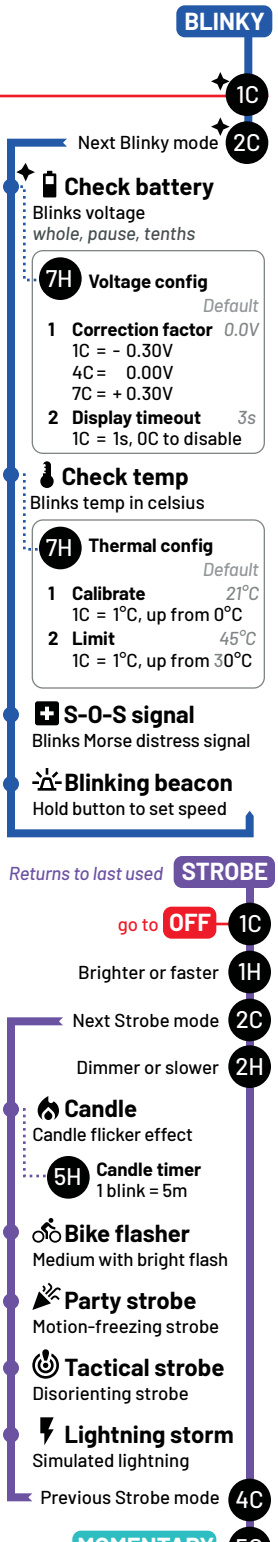
Andúril

Advanced UI

1C Click · 1H Hold · 2C Click, click · 2H Click, hold · 3C Click, click, click · 3H Click, click, hold · Etc...

Constant action · Momentary action · ✦ Available in Simple UI





Configuration menus

Keep holding and count blinks. Release when count equals the menu number you want to configure.

Light will begin flickering. Flicker will stop after 2s, saving your setting.

Before it stops, click a number of times equal to your chosen value or option number.

Don't click at all to choose zero. 1H = 10C

RAMP

Menu		Default
	Smooth ramp	
1	Set Floor: 1C *dim* – 150C *bright, up from 0*	1
2	Set Ceiling: 1C *dim* – 150C *bright, down from 151*	120
3	Set ramp speed: 1C *fast* – 4C *slow*	1
	Stepped ramp	
1	Set Floor: 1C *dim* – 150C *bright, up from 0*	20
2	Set Ceiling: 1C *dim* – 150C *bright, down from 151*	120
3	Set step count: 1C - 150C	7

RAMP EXTRAS

Menu		Default
1	1C to clear Set Memory value for OFF → 1C *Use last ramped brightness instead*	1
2	Wait 0C – 150C *sec* before using Set Memory value instead of last ramped brightness for OFF → 1C	0
3	**Set Moon style for** OFF → 1H 0C = Allow ramp up from Floor 1C = Lock to Floor	0
4	**Set Turbo style for** RAMP → 2C 0C = Ceiling only, no Turbo 1C = Turbo 2C = Ceiling or Turbo (if at Ceiling)	2

SIMPLE UI

Menu		Default
1	Set Floor: 1C *dim* – 150C *bright, up from 0*	20
2	Set Ceiling: 1C *dim* – 150C *bright, down from 151*	120
3	Set step count: 1C - 150C	7
4	**Set Turbo style for** RAMP → 2C 0C = Ceiling only, no Turbo 1C = Turbo 2C = Ceiling or Turbo (if at Ceiling)	0

CHANNELS

Menu		Defaults vary
1	Channel 1 only mode: 0C = Disable, 1C = Enable	
2	Channel 2 only mode: 0C = Disable, 1C = Enable	
3	50/50 mode: 0C = Disable, 1C = Enable	
4	Tint ramp mode: 0C = Disable, 1C = Enable	
5	Auto-tint mode: 0C = Disable, 1C = Enable	
6	Aux LEDs mode: 0C = Disable, 1C = Enable	

All channel modes disabled = **RAMP is Single channel**
Any channel mode enabled = **RAMP is Multi channel**

MISC

Menu		Default
1	**Set tint ramp style** 0C = Smooth blend between channels 1C = 50/50 each channel 2C = Toggle between channels 3C = Stepped ramp with 3 steps (or more)	0
2	**Set jump start level:** 1 - 150C	0

TACTICAL

Menu		Default
1	**Set Tactical slot 1 action**	120
2	**Set Tactical slot 2 action**	30
3	**Set Tactical slot 3 action**	152

0C = Last used strobe
1C – 150C = Brightness level
151C = Party strobe
152C = Tactical strobe
153C = Lightning storm

For Andúril firmware **20240420** Some lights have special features that change actions and defaults. Some actions not shown. **See the Andúril Manual for details:** toykeeper.net/anduril

Andúril
Flashlight Control

Andúril is an open-source firmware for flashlights, distributed under the terms of the GNU General Public License v3.

That means you can download the source code, make your own changes, and control your flashlight any way you want.

The source code can be obtained here:
https://toykeeper.net/anduril

Your new flashight is powered by Andúril.

After putting a battery in the light and tightening the parts together, the light should blink once to confirm it has power and is working correctly.

Basic usage is simple:

- 1C Click the button to turn the light on or off
- 1H Hold the button to make the light brighter
- 2H Release the button and quickly hold it again to make the light dimmer.

Want more?

There are many more modes and features.