Print Advice

- Print the cheat sheet on a laser printer double sided in landscape. Size -> [x] double sided -> Use [x] mirrored on the short edge

- The height of the cut out should be 62mm maximum, better 1 mm less. If yours is too big try "fit" in your printer settings or play with the scaling factor, e.g. 96%

- Cut it out, fold it in half down to 31mm height, or lower

- Then fold in zig zag to 30mm width. The zig zag folding is pyramid shaped and not straight. If the folds are on top of each other the stack gets probably too high.

- Now it should be small enough to be stored it in the tail cap of the BLF Q8.

Links	Q8 lamp on BLF: **http://budgetlightforum.com/node/45915** or **http://bit.ly/blfq8**	Safety Measures in Narsil	This lamp belongs to:

Links   Q8 lamp on BLF: **http://budgetlightforum.com/node/45915** or **http://bit.ly/blfq8**
            Produced by Thorfire: **http://thorfiredirect.com** Videos: configuration **http://bit.ly/narsil-vid3** @8.5min
            A Lithium Ion Safety 101 on BLF: **http://bit.ly/liionsafety**
Narsil software in the Q8 thread on BLF: **http://bit.ly/narsilinfo**   Videos about UI: **http://bit.ly/narsil-vid1**
Narsil Hompage with Narsil Manual (PDF) and Advanced Notes (PDF) : **http://bit.ly/NarsilQ8**
Narsil Cheat Sheet (PDF) to print by yourself: **http://bit.ly/narsil-cs**

Navigation has "Lock in Mode". Explanation: Navigation works only in Modes and Strobe, not in Ramping.
After 1.2sec after setting the brightness you can not increase the brightness with a single click, because it turns it off.
But you can first decrease the brightness by a click&hold and then increase by a single click.
A click&hold in MODES or STROBES wrap from 1st mode to last.

Ramping Explained A click&hold increases the brightness. If you miss your desired brightness / overshoot, a second click&hold reduces the brightness. So it toggles direction with each click&hold. (Timeout for this is 1.2sec)
If your lamp is off, a click&hold starts first moonlight, pauses shortly and then ramps up.
To indicate the maximum or minimum brightness level the lamp flickers when it reaches this limits.
When you release the switch it tells what channel you use: 1 blink of the button = 7135 , 2 blinks = FET+7135
To turn the indicator light temporarily off, turn the light quickly off, while flashing the channel. Works at any level in ON. From OFF a slowish double press does the trick.
If You Want to switch from a low brightness level to FULL and back again to the lower level:
2x for FULL brightness, then 1x for OFF and 1x for last memorized brightness. (Works only in Ramping)

Concept and Design by J. Hollmann

Safety Measures in Narsil
The use of 4 batteries is recommended.
Indication it is ready: 2x blinks after power is applied
In case of a jammed button: Shut off after 20sec
        Electronic Lock Out in Ramping:
        Lock out turn ON or OFF   4x click
                                                    (4x short blinks)
        Electronic Lock Out in Modes:
        Lock out turn ON or OFF   2x click + click&hold
                                                    (4x short blinks)

Overheat protection: Output is lowered at 55°C
Low Voltage Protection (LVP)
Output decreasing from (fuel saver) 3.0V on.
        Main LED: 3x blinks as indication.
        Indicator LED: every 8 sec two blinks as indication.
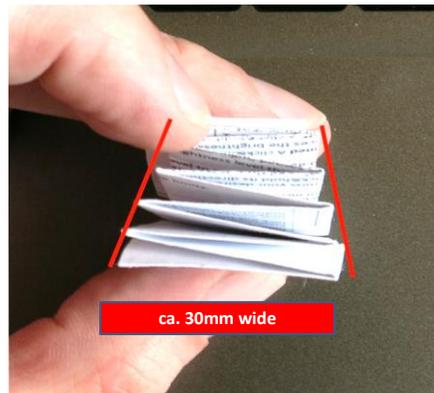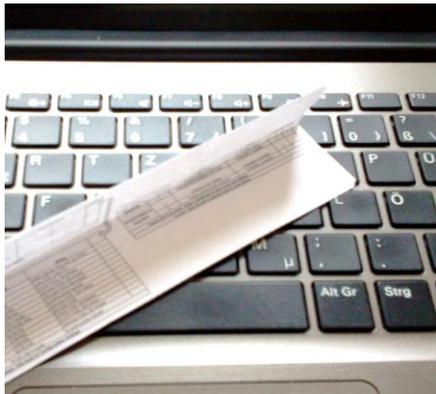**Shut off** at 2.8V
        Main LED: 8x blinks as indication and shut off
        Indicator LED: every 8 sec two blinks (for 6 min)
You should at least **remove the cells** or **do a mechanical lockout** to prevent any more drainage! Otherwise your batteries can be damaged.

This lamp belongs to:

If found please:
Tel.

Email

ca. 30mm wide

31x30x2 mm

An alternative idea to store the cheat sheet in the BLF Q8:
I printed a copy of the cheat sheet a little larger (75 mm high after cutting) and rolled it up – it now fits perfectly between the four cells. I can read this larger version. (Lazy-R-Us)
Or you put the folded cheat sheet in the tailcap and the notes section between the batteries.

NarsilM Cheat Sheet   **NarsilM v1.2 for BLF Q8**

- It has on the left tables with the user interface operations for RAMPING and MODES. And how to get the temperature and firmware version
- on the right tables how to set up and the mode set table.   **Configuration**
- The arrows indicate how sub-tables are connected.

User Interface   lock at http://bit.ly/narsil-vid3 @8,5min before   - In the "Mine" column you can enter your settings

it will help

PLEASE CUT HERE ✂

Overview Click Sequences NarsilM   for version 1.2   (Cheat Sheet for Q8 Rev. A)

RAMPING (from OFF)

Clicks	Action
- 1x	last level ON
- click&hold	moon + ramps up
- 2x	full = max level b)
- 3x	battery check
- 4x	lock out on/off (4x short blinks)
- 5x	momentary (for off: Power Reset)

MODES (from OFF)

Clicks	Action
- 1x	first mode (from the mode set) a) ON
- click&hold	last mode (from the mode set) = full
- 1x + click&hold	temporarily locator LED off/on c)
- 1x + click&hold (for 2.5 sec)	battery check
- 2x + click&hold	lock out on/off (4x short blinks)
- click&hold (over 1.2 sec)	strobe #1

RAMPING (from ON)

Clicks	Action
- 1x	switches lamp OFF
- click&hold	ramps up, if max level = ramps down d)
- 2x	full = max level b)
- 3x	battery check
- 4x	lock out on/off (4x short blinks)
- 5x	momentary (for off: Power Reset)

MODES (from ON)

Clicks	Action
- 1x	next mode or after 1.2sec OFF
- click&hold	previous mode
- 2x + click&hold	lock out on/off (4x short blinks)
- click&hold (over 1.2 sec)	strobe #1

Navigation

a) depends on option "Mode Memory".   If set = 2, it starts with the last memorized mode. Default is 1 = off
b) This max level is not memorized. So you can 2x for full and to go back to the previous brightness, please use: Switch OFF and ON
d) Every consequent click&hold within 1.2 sec reverses the ramping direction.   c) When enabled in Advanced Settings
e) Continuous light with a brighter stutter so car drivers notice you better at night.

Blink Out Temperature

"from battery"check via 2x
45°C would be 4 blinks, pause, then 5 blinks
like in battery check

Blink Out Firmware Number

from "Blink Out Temperature" via 2x
version 1.2 would be 1 blink, pause, then 2 blinks
like in battery check
To **RESET** to factory settings: click&hold for at least 1.2 seconds. Success indicator: 4x short blinks

Strobe Modes / Blinky Modes

	Strobe #	Modename
to get strobe:	1	18 Hz strobe
from Ramping: go to full, then 2x Clicks	2	police strobe
from Modes: longhold	3	bike strobe e)
then navigation works as in Modes	4	2 sec beacon
to end: a click for off	5	10 sec beacon

Configuration Settings — MODES

	Setting #	Function	Clicks	Default Value	Mine
from Modes = "hold" for 3.2sec	1	Ramping Mode	1=disable, 2=enable	2	
	2	Choose Mode Set	1-12 (1-7 is # of modes) see Mode Sets	4	
	3	Moon Mode	1=disable, 2=enable	2	
	4	Mode ordering	1= sets lo→hi, 2=sets hi→lo	1	
	5	Mode Memory	1=disable, 2=enable	1	
	6	Set Moonlight	Level 1-7 (PWM value)	3	
2x short blinks 1x long blink	7	Thermal / timed Stepdown	1=disable, 2=Temperature f) , 3=timed Timed: 1=60sec, 2=90sec, 3=2 min, 4=3 min, 5=5min, 6=7 min	3-4	
	8	Blinky mode	1=disable, 2=one strobe, 3=all strobes/beacons	3	
bypass the 3.5 sec wait: doing a click&hold to skip to the next setting.					
to end: hold, until exit is indicated with 4x short blinks					

Mode Sets

Mode Set Order	Mode Count	Mode Percentages Q8	Notes
1	1	full only	(full is always max FET, no 7135)
2	2	3 - full	max 7135, max FET
3	3	1.4 - 29 - full	1.4%=1/2 7135, 29%=mixed
4	4	0.25 - 3 - 33 - full	3%=max 7135, 33%=mixed
5	5	0.25 - 1.4 - 33 - full	3%=max 7135, 33%=mixed
6	6	TK BLF A6 7 mode	6 well evenly spread
7	7	0.18 - 0.7 - 1.8 - 3 - 29 - 56 - full	3%=max 7135, 29%=mixed
8	3	3 - 16 - 43	3%=max 7135, 16%=mixed
9	3	0.25 - 11 - full	0.25%=1/5 7135, 11%=mixed
10	3	0.25 - 33 - full	0.25%=1/5 7135, 33%=mixed
11	3	3 - 29 - full	3%=max 7135, 29%=mixed
12	4	TK BLF A6 4 mode	4 well evenly spread

from "Chose Mode Set"

to end: not needed, it continues to Configuration Setting number three (#3)

Configuration Settings — RAMPING

	Setting #	Function	Clicks	Default	Mine
from Ramping = "hold" for 8sec	1	Ramping Mode	1=disable, 2 = enable	2	
	2	Set Moonlight Level	1-7 (PWM value)	3	
	3	Thermal / timed Stepdown	1=disable, 2= Temperature f) 3= timed Timed: 1=60sec, 2=90sec, 3=2min, 4=3min, 5=5min, 6=7min	3-4	
2x short blinks 1x long blink	4	Blinky mode	1=disable 2= one strobe 3=all strobes /beacons	3	
bypass the 3.5 sec wait: doing a click&hold to skip to the next setting.					
to end: hold, untill exit is indicated with 4x short blinks					

f) To Set Temp.: Wait with click till lamp gets hot. If clicked before 5sec = No new temp. is set   Default is 55°C. See more in the main manual

Advanced Configuration Settings

	Setting #	Function	Clicks	Default	Mine
from "Battery Check" Mode via click&hold	1	Locator LED feature	1=disable, 2=enable	2	
	2	Battery level Indicator LED Only	1=disable, 2=enable	1	
2x short blinks 1x long blink	3	Indicator LED Enable	1=disable, 2= enable	2	
bypass the 3.5 sec wait: doing a click&hold to skip to the next setting.					
to end: hold, until exit is indicated with 4x short blinks					

A few Notes:

1x is a single click, 2x is a double click, 3x is a triple click. click&hold = You press the button and hold it down a bit longer. When you have to hold it down much longer it is mentioned.

If you have a problem at OFF, lamp seems not respond to click:
Timing of click for off, hold the switch just a tad too long and the Q8 will not register it as shut down command but treat it as a very short ramp command. Your light is not broken. Please try a very fast and short click.

Quick introduction for newbies or relatives:
- Don't hold the button down for longer than 8 seconds! The lamp will enter configuration and starts wild blinking. Don't push a button or you change things. In case handle it to a pro or search for reset in the cheat sheet.
- Don't look in the working end!!!!!!!!!!!!
- One click on, one click off.
- Push the button and keep it holding for ramping. Rember to release within 8 seconds.

JasonWW has a few Videos about the
NarsilM user interface: **http://bit.ly/narsil-vid1**

Reset to factory in RAMPING:
The Lamp can be OFF or ON:
3x, 2x, 2x, press&hold (for 1.2sec) till 4 blinks

Reset to factory in MODES:
Only from OFF:
1x, click&hold (for 2.5 sec), 2x, 2x, press&hold (for 1.2sec) till 4 blinks

Strobe Modes: (changed from NarsilM v1.0)
The normal way (RAMPING: 2x, 2x, Y clicks [Y= 1...4]) is time sensitive because of the lock in modes. Some people are not quick enough for the Y clicks, because the Ys have to be done right after the second double click.
If navigation is hard, try:

RAMPING from OFF/ON: Double click, double click. Now you are in the 1th strobe = 18Hz Strobe.

MODES from OFF/ON: Longhold (over 1,2sec). Now you are in the 1th strobe

Now you can go back via click&hold. You can go back endlessly. If you go backwards you have time to do this..

Modding Thread Q8 on BLF   http://budgetlightforum.com/node/55026

MODES The mode sets in the table are exclusive moonlight. If you choose mode set #6 (which has 6 values in the table) and enable moonlight you will end up with 7 brightness levels.

Switch from MODES to RAMPING
(while holding, the lamp goes into strobes, that's normal)
hold for 3.2sec, after two short blinks and one blink, do a doubleclick (2x).
The lamp continues to blink out configuration for RAMPING.

Switch from RAMPING to MODES
(you hold for a long time, if you ramp down it's easier on the eyes)
hold for 8sec, after two short blinks and one blink, do a single click (1x).
The lamp continues to blink out configuration for MODES.

Basically it is holding the button till it blinks 2x and 1x and than a double click shuts RAMPING on or a single click shuts it off.

Now you can wait till the lamp is gone through the rest of the config menu. The lamp will blink four times short when finished.

If strobes are completely disabled:
A 2X click from 2X turbo should restore the previous level you were at.

There is a bit of confusion when you read in the forum about Narsil and its version numbers, because they are not straight and there was a name change to NarsilM.

Narsil / NarsilM Timeline
2016-07   Narsil v1.12
2016-09   Narsil v1.1 (because only two digits blink out)
2016-09   Narsil v1.2
2016-10   fork to Narsil Triple
2017-04   Narsil v1.3
2017-05   NarsilM v1.0
(Narsil Multi, combines Narsil 1.3 and Narsil Triple)
It is used in the BLF Q8 and the Q8 uses only two channels.
2017-08   NarsilM v1.1 for the BLF GT prototype (with Buck driver support merging) also another config: GTBug
2017-10   NarsilM v1.2 config: 2C1S

Setup files:
2C1S = 2 **CHANNELS**, 1 cell in **SERIES** = Config for Q8