



## cell2 AK Standard LED Light Bars Instructions

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### cell2 AK Standard LED Light Bars

#### INSTRUCTION MANUAL

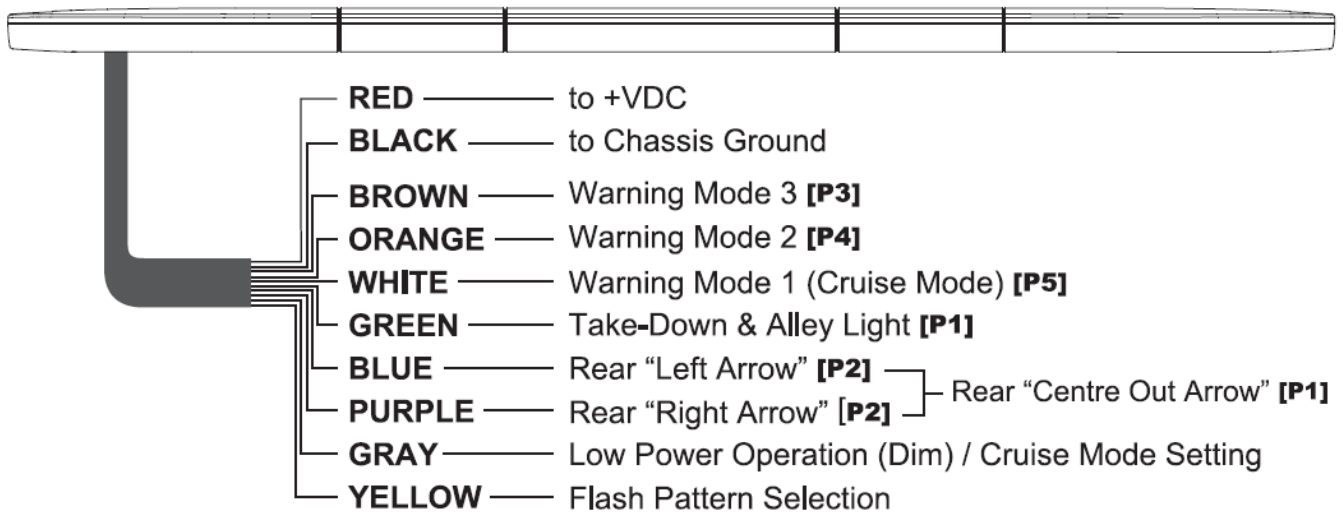
#### WIRING & FUNCTIONS

(BL/BO-Single/Dual Color -SAE) I (BE/BF -Single/Dual Color-ECE R65/R10)

Proper installation of the product requires the installer to have a good understanding of automotive electronics, systems and procedures. Different applications may require different functions. For optimum efficiency, it is highly recommended to determine, configure and test the required functions prior to installation.

#### LIGHTBAR WIRING

## LIGHTBAR WIRING



### POWER CABLE

1. Route power wires to the vehicle firewall towards the battery.
2. Install a fuse (user-supplied) to the end of the RED wire and connect it to the battery. (for correct fuse rating, refer to the Lightbar Specs.)
3. Connect the BLACK wire to the vehicle chassis-ground next to the battery.

NOTE: Ensure that all wires of the power cable are firmly connected to the power source.

### WARNING

- DO NOT USE THE POWER WIRE(S) AS THE LIGHTBAR ACTIVATION SWITCH. USE ONLY THE FUNCTION WIRE(S) TO SWITCH AND ACTIVATE.
- ENSURE THE POWER WIRE(S) ARE PROPERLY CONNECTED BEFORE ACTIVATING ANY FUNCTION WIRE(S).
- FAULTY CONNECTIONS MAY CAUSE THE LIGHTBAR TO MALFUNCTION AND/ OR RESET TO ITS DEFAULT SETTINGS.
- DO NOT USE A HIGH PRESSURE POWER WASHER TO CLEAN YOUR LIGHTBAR; THIS MAY DAMAGE YOUR LIGHTBAR AND VOID ITS WARRANTY.

### FUNCTION WIRES (Input)

Connect each individual function wire to its switch.

#### WARNING MODE 1 & MODE 2 & MODE 3

1. Activate the desired Mode by applying +VDC to BROWN, ORANGE or WHITE wire.
  - BROWN wire for Warning Mode 3.
  - ORANGE wire for Warning Mode 2.
  - WHITE wire for Warning Mode 1 (Cruise Mode).

NOTE: If the lightbar is equipped with Dual Color lightheads, Warning Mode 2 will display in Color 2.

2. Each of the Warning Modes can select and store one pattern from the built-in flash patterns.

To change flash pattern:

i. While a Warning Mode is activated, tap +VDC to YELLOW wire:

a. Once to next pattern. (refer to Flash Pattern chart)

b. Quick 3 times to FP#1.

3. If a steady-burn pattern (cruise mode) is selected, number of activated lighthoods can be set differently based on the user's application requirement. (by default, only Corner Section will be activated)

To change the activated lighthoods during a cruise mode:

i. Activate a Warning Mode with its flash pattern selected to an steady-burn (cruise mode) pattern.

ii. While the Warning Mode is activated, tap +VDC to GRAY wire quickly once to progressively scroll through different number of lighthoods.

## Flash Patterns

0	SAE(BL & BO Versions)	Grouping
1	Single [SAE, CA13] (Mode2&3DefaultJ	All
2	Double [SAE]	All
3	Quad[SAE]	All
4	Quint[SAE]	All
5	Mega	All
6	Ultra [SAE]	All
7	Single-Quad	All
8	Single H/L	All
9	Single-Triple-Quint	All
10	Single	Left-Right
11	Double	Left-Right
12	Quad	Left-Right
13	Quint	Left-Right
14	Mega	Left-Right
15	Ultra	Left-Right
16	Single-Quad	Left-Right
17	Single H/L	Left-Right
18	Single-Triple-Quint	Left-Right
19	Single	Outside-in
20	Ultra	Outside-in
21	Single	Side-by-side
22	Ultra	Side-by-side
23	Single	Cri ross
24	Ultra	Cri ross

25	Clockwise Pulsing Chaser	All
26	Clockwise Pulsing Chaser Fast	All
27	Random	All
28	Steady Max•	Adjustable
29	Pulsing•	All
30	Steady 100% •	Adjustable
31	Clockwise Pulsing Chaser •	All
32	Cruise Mode (Steady 50%) • (Mode 1 Default)	Adjustable
33	Clockwise Pulsing Scan •	All
34	Steady 1% •	Adjustable
35	Butterfly Pulsina Scan •	All
36	Pulsing Scan Wig-Wag •	Left-Right
37	PulsinQ Scan WiQ-WaQ •	Outside-in
38	Double-Double	Left-Ri!'.lht
39	Quad-Quad	Left-Riaht
40	Triple-Blast	Left-RiQht
41	Double-Double	Outside-in
42	Quad-Quad	Outside-in
43	Triole-Blast	Outside-in
44	Swing II	Outside-in
45	ICAO Single •	Comers
46	ICAO Single •	All

FP#	ECE (BE & BF Versions)	Grouping
1	Double (Comers)[R65] (Mode 2 & 3 Default)	Comers
2	Double [2Hz]	All
3	Quad [2Hz]	All
4	Single [2Hz]	All
5	Triple [2Hz]	All
6	Double [2Hz]	Left-Right
7	Quad [2Hz]	Left-Right
8	Single [2Hz]	Left-Right
9	Triple [2Hz]	Left-Right
10	ICAO Single •	Comers
11	ICAO Single •	All
12	Clockwise Pulsing Chaser	All
13	Clockwise Pulsing Chaser Fast	All
14	Random	All
15	Steady Max•	Adjustable
16	Pulsing•	All
17	Steady 100% •	Adjustable
18	Clockwise Pulsing Chaser•	All
19	Cnise Mode (Steady 50%) • (Mode 1Default/	Adjustable
20	Clockwise Pulsing Scan •	All
21	Steady 1% •	Adjustable
22	Butterfly Pulsing Scan •	All
23	Pulsing Scan Wig-Wag •	Left-Right
24	Pulsing Scan Wig-Wag •	Outside-in
25	Double-Double	Left-Right
26	Quad-Quad	Left-Right
27	Triple-Blast	Left-RiQht
28	Double-Double	Outside-in
29	Quad-Quad	Outside-in
30	Triple-Blast	Outside-in
31	Swing II	Outside-in

## TAKE-DOWN & ALLEY LIGHT

Activate Take-Down & Alley(Corner) Lights in High Power steady-burn by applying the GREEN wire to +VDC. By default, Take-Down Lights are set at the second lightheads from the center of the lightbar. Alley lights are set at all three corner lights.

**NOTE:** If the lightbar is equipped with Dual Color lightheads,

Take-down and Alley will display in Color 2.

To re-designate preferred Illuminated areas, tap +VDC to YELLOW wire while the Take-Down & Alley (Corner) Lights mode is on.

- Quick once to the next Illuminated areas. (refer to Illuminated Area chart).
- Quickly 3 times to reset to IA#1.

IA#	Illuminated areas
1	TDs & Alleys (Default)
2	TDs
3	Alleys
4	Front TD
5	Rear TD

## TRAFFIC ARROW

Activate rear Traffic Arrow function by applying

- BLUE wire to +VDC for Left Arrow.
- PURPLE wire to +VDC for Right Arrow.
- Above 2 wires together to +VDC for Centre-out Arrow.

**NOTE:** If the lightbar is equipped with rear Dual Color lightheads,

Traffic Arrow will display in Color 2.

To configure the Traffic Arrow flash pattern, tap +VDC to YELLOW wire while in a Traffic Arrow mode:

- Once to next pattern. (refer to Traffic Arrow Pattern chart).
- Quick 3 times to TP#1.


## LOW POWER OPERATION I MANUAL DIM FUNCTION

Activate warning mode Low Power Operation by continuously applying +VDC to GRAY wire.

**NOTE:** Dim Mode is not applicable for flash patterns with ICAO, steady and pulsing pattern marked with \* in Flash Pattern table.

TP#	TA Flash Patterns
1	Sweep Single(Default)
2	Sweep Double
3	Sweep Triple
4	Sweep Single End-Double
5	Solid
6	Solid End-Double
7	Solid Chaser
8	Solid Fade
9	Blink Double
10	Blink Triple
11	Blink Solid

## Documents / Resources

	<a href="#">cell2 AK Standard LED Light Bars</a> [pdf] Instructions 1523mm 60, AK, AK Standard LED Light Bars, AK, Standard LED Light Bars, LED Light Bars, Light Bars, Bars
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## References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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