#### == AUTO-DIMMING LIGHT SENSOR ==

This lightbar is equipped with an Auto-Dimming Light Sensor, *Low Power Operation* will automatically activate when the ambient brightness is below the set-value (e.g. night time) and deactivate once prior condition is removed. The Auto-Dimming Light Sensor takes precedence over all other function wires.

#### == PC PROGRAMMING ==

All function wires may be customized and re-programmed to user's preference via optional Raiden FIT PLUS Programmer sold seperatly, for

- Light Sensor dimming values,
- Lighthead flash delay / flash groups / phases / flash patterns / colors,
- Low power %.
- Traffic arrow patterns,
- Wire precedence (priority),
- and etc

RAIDEN Lightbar Configuration Tool is a piece of software that can be used to program your RAIDEN lightbar quickly and intuitively. Download software from the support utility site via this link:

https://service.juluen.com.tw/Utility

NOTE: For more instructions, refer to [Software Manual] from the support utility site.

# **Operation Manual**

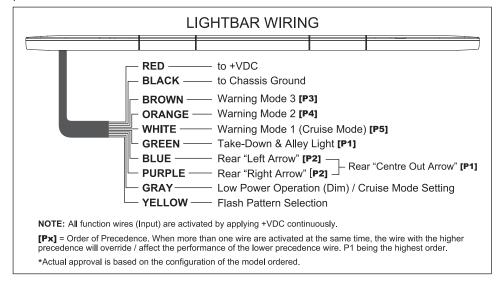
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### WIRING & FUNCTIONS

# (BL/BD-Single/Dual Color - SAE) | (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.



#### == POWER CABLE ==

- 1. Route power wires to the vehicle firewall towards the battery.
- 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  $\mbox{\bf BLACK}$  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.

#### **A** 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 lightheads can be set differently based on the user's application requirment. (by default, only Corner Section will be activated) To change the activated lightheads 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 lightheads.

FP#   SAE(BL & B) Versions   Grouping   FP#   Dutile (Corners)   FR6] (Mode 2 & 3 Default)   Corners		Flash Patterns							
2	FP#	SAE(BL & BD Versions)	Grouping	FP#	ECE (BE & BF Versions)	Grouping			
3	1	Single [SAE, CA13] (Mode 2 & 3 Default)	All	1	Double (Corners) [R65] (Mode 2 & 3 Default)	Corners			
All   Single   2Hz    All	2	Double [SAE]	All	2	Double [2Hz]	All			
5         Mega         All         5         Triple [2Hz]         All         6         Ultra [SAE]         All         7         Ouble [2Hz]         Left-Right         Left-Right         1         7         Oudud [2Hz]         Left-Right         Left-Right         8         Single PIL         Left-Right         1         0         0udu [2Hz]         Left-Right         Left-Right         1         0udu         1         1         Left-Right         1         1         1         0udu         1         1         1         1         0udu         1	3	Quad [SAE]	All	3	Quad [2Hz]	All			
6 Ultra [SAE] AII 6 Double [2Hz] Left-Right 1 Single-Quad AII 7 Quad [2Hz] Left-Right 2 Left-Right 1 Single-PIL AII 8 Single-PIL Left-Right 1 Double Pulsing Chaser AII Colcowise Pulsing Chaser AII Colcowise Pulsing Chaser AII Left-Right 1 Double Pulsing Chaser AII Colcowise AII Colcowise Pulsing Chaser AII Colcowise Pulsing Chaser AII Colcowise Pulsing Chaser AII Colcowise Pulsing Chaser AII Colcowise AII Colcowise Pulsing Chaser AII Colcowise Pulsing Chaser AII	4	Quint [SAE]	All	4	Single [2Hz]	All			
7         Single-Quad         All         7         Quad [2Hz]         Left-Right           8         Single H/L         All         9         Single-Triple-Quint         All         9         Triple [2Hz]         Left-Right           10         Single         Left-Right         10         ICAO Single *         Corners           11         Double         Left-Right         11         ICAO Single *         Corners           11         Double         Left-Right         11         ICAO Single *         Corners           12         Quad         Left-Right         11         ICAO Single *         All           13         Quint         Left-Right         13         Clockwise Pulsing Chaser         All           14         Mega         Left-Right         14         Random         All           15         Ultra         Left-Right         14         Random         All           16         Single-Quad         Left-Right         16         Pulsing *         All           17         Single Fill         Left-Right         16         Pulsing *         All           19         Single Fill         Left-Right         16         Clockwise Pulsing Chaser *         All </td <td>5</td> <td>Mega</td> <td>All</td> <td>5</td> <td>Triple [2Hz]</td> <td>All</td>	5	Mega	All	5	Triple [2Hz]	All			
8	6	Ultra [SAE]	All	6	Double [2Hz]	Left-Right			
9   Single-Triple-Quint	7	Single-Quad	All	7	Quad [2Hz]	Left-Right			
10   Single   Left-Right   10   ICAO Single * Comers	8	Single H/L	All	8	Single [2Hz]	Left-Right			
11   Double	9	Single-Triple-Quint	All	9	Triple [2Hz]	Left-Right			
12	10	Single	Left-Right	10	ICAO Single *	Corners			
13	11	Double	Left-Right	11		All			
14   Mega	12	Quad	Left-Right	12	Clockwise Pulsing Chaser	All			
15	13	Quint	Left-Right	13	Clockwise Pulsing Chaser Fast	All			
16	14	Mega	Left-Right	14	Random	All			
17   Single H/L	15	Ultra	Left-Right	15	Steady Max *	Adjustable			
18	16	Single-Quad	Left-Right	16	Pulsing *	All			
19   Single	17	Single H/L	Left-Right	17	Steady 100% *	Adjustable			
20         Ultra         Outside-in         20         Clockwise Pulsing Scan *         All           21         Single         Side-by-side         21         Steady 1% *         Adjustable           22         Ulra         Side-by-side         22         Butterfly Pulsing Scan *         All           23         Single         Criss-cross         23         Pulsing Scan Wig-Wag *         Left-Right           24         Ultra         Criss-cross         24         Pulsing Scan Wig-Wag *         Outside-in           25         Clockwise Pulsing Chaser         All         25         Double-Double         Left-Right           26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           39         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         All         31         Swing II         Outside-in           31         Clockwise Pulsing Chaser *         All         31 <td>18</td> <td>Single-Triple-Quint</td> <td>Left-Right</td> <td>18</td> <td>Clockwise Pulsing Chaser *</td> <td>All</td>	18	Single-Triple-Quint	Left-Right	18	Clockwise Pulsing Chaser *	All			
21         Single         Side-by-side         21         Steady 1% *         Adjustable           22         Ulra         Side-by-side         22         Butterfly Pulsing Scan *         All           23         Single         Criss-cross         23         Pulsing Scan Wig-Wag *         Left-Right           24         Ultra         Criss-cross         24         Pulsing Scan Wig-Wag *         Outside-in           25         Clockwise Pulsing Chaser         All         25         Double-Double         Left-Right           26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 10% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         All         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Defaut)         Adjustable	19	Single	Outside-in	19	Cruise Mode (Steady 50%) * (Mode 1 Default)	Adjustable			
22         Ulra         Side-by-side         22         Butterfly Pulsing Scan *         All           23         Single         Criss-cross         23         Pulsing Scan Wig-Wag *         Left-Right           24         Ultra         Criss-cross         24         Pulsing Scan Wig-Wag *         Outside-in           25         Clockwise Pulsing Chaser         All         25         Double-Double         Left-Right           26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Aljustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         31         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All         Swing II         Outside-in           34         Steady 1% *         Adjustable	20	Ultra	Outside-in	20	Clockwise Pulsing Scan *	All			
23         Single         Criss-cross         23         Pulsing Scan Wig-Wag *         Left-Right           24         Ultra         Criss-cross         24         Pulsing Scan Wig-Wag *         Outside-in           25         Clockwise Pulsing Chaser         All         25         Double-Double         Left-Right           26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           39         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         31         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All         Steady 1% *         Adjustable           35         Butterfly Pulsing Scan *         All         All         All         All         All           36         Pulsing Scan Wig-Wag *	21	Single	Side-by-side	21	Steady 1% *	Adjustable			
24     Ultra     Criss-cross     24     Pulsing Scan Wig-Wag *     Outside-in       25     Clockwise Pulsing Chaser     All     25     Double-Double     Left-Right       26     Clockwise Pulsing Chaser Fast     All     26     Quad-Quad     Left-Right       27     Random     All     27     Triple-Blast     Left-Right       28     Steady Max *     Adjustable     28     Double-Double     Outside-in       29     Pulsing *     All     29     Quad-Quad     Outside-in       30     Steady 100% *     Adjustable     30     Triple-Blast     Outside-in       31     Clockwise Pulsing Chaser *     All     31     Swing II     Outside-in       32     Cruise Mode (Steady 50%) * (Mode 1 Default)     Adjustable     All     Steady 1% *     Adjustable       33     Clockwise Pulsing Scan *     All     All     Adjustable     All       34     Steady 1% *     Adjustable     All     All       35     Butterfly Pulsing Scan Wig-Wag *     Left-Right     All     All       36     Pulsing Scan Wig-Wag *     Outside-in       37     Pulsing Scan Wig-Wag *     Outside-in       40     Triple-Blast     Left-Right       40     Triple-	22	Ulra	Side-by-side	22	Butterfly Pulsing Scan *	All			
25         Clockwise Pulsing Chaser         All         25         Double-Double         Left-Right           26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         31         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All         Steady 1% *         Adjustable           33         Clockwise Pulsing Scan *         All         All         All         All         All         Steady 1% *         Adjustable         All         All <t< td=""><td>23</td><td>Single</td><td>Criss-cross</td><td>23</td><td>Pulsing Scan Wig-Wag *</td><td>Left-Right</td></t<>	23	Single	Criss-cross	23	Pulsing Scan Wig-Wag *	Left-Right			
26         Clockwise Pulsing Chaser Fast         All         26         Quad-Quad         Left-Right           27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         All         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All         Swing II         Outside-in           33         Clockwise Pulsing Scan *         All         All <td>24</td> <td>Ultra</td> <td>Criss-cross</td> <td>24</td> <td>Pulsing Scan Wig-Wag *</td> <td>Outside-in</td>	24	Ultra	Criss-cross	24	Pulsing Scan Wig-Wag *	Outside-in			
27         Random         All         27         Triple-Blast         Left-Right           28         Steady Max *         Adjustable         28         Double-Double         Outside-in           29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         31         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All	25	Clockwise Pulsing Chaser	All	25	Double-Double	Left-Right			
28 Steady Max * Adjustable 28 Double-Double Outside-in 29 Pulsing * All 29 Quad-Quad Outside-in 30 Steady 100% * Adjustable 30 Triple-Blast Outside-in 31 Clockwise Pulsing Chaser * All 31 Swing II  Cruise Mode (Steady 50%) * (Mode 1 Default) Adjustable 32 Clockwise Pulsing Scan * All 33 Steady 1% * Adjustable 34 Steady 1% * Adjustable 35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	26	Clockwise Pulsing Chaser Fast	All	26	Quad-Quad	Left-Right			
29         Pulsing *         All         29         Quad-Quad         Outside-in           30         Steady 100% *         Adjustable         30         Triple-Blast         Outside-in           31         Clockwise Pulsing Chaser *         All         31         Swing II         Outside-in           32         Cruise Mode (Steady 50%) * (Mode 1 Default)         Adjustable         All         All         All         Adjustable         All         Steady 1% *         Adjustable         All         All         All         All         All         All         Butterfly Pulsing Scan *         All         All         All         Pulsing Scan Wig-Wag *         Left-Right         Left-Right         All         All <td< td=""><td>27</td><td>Random</td><td>All</td><td>27</td><td>Triple-Blast</td><td>Left-Right</td></td<>	27	Random	All	27	Triple-Blast	Left-Right			
30 Steady 100% * Adjustable 30 Triple-Blast Outside-in 31 Clockwise Pulsing Chaser * All 31 Swing II Outside-in 32 Cruise Mode (Steady 50%) * (Mode 1 Default) Adjustable 33 Clockwise Pulsing Scan * All 34 Steady 1% * Adjustable 35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	28		Adjustable	28	Double-Double	Outside-in			
31 Clockwise Pulsing Chaser * All 31 Swing II Outside-in 32 Cruise Mode (Steady 50%) * (Mode 1 Default) Adjustable 33 Clockwise Pulsing Scan * All 34 Steady 1% * Adjustable 35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	29	Pulsing *	All	29	Quad-Quad	Outside-in			
32 Cruise Mode (Steady 50%) * (Mode 1 Default)  33 Clockwise Pulsing Scan *  34 Steady 1% *  35 Butterfly Pulsing Scan *  36 Pulsing Scan Wig-Wag *  37 Pulsing Scan Wig-Wag *  38 Double-Double  40 Triple-Blast  41 Double-Double  42 Quad-Quad  44 Swing II  45 ICAO Single *  All  Adjustable  All  Adjustable  Adjustable  Adjustable  All  Adjustable  Adjustable  All  Adjustable  Adjustable  All  Adjustable  Adjustable  All  All  Adjustable  All  All  Adjustable  All  Adjustable  All  All  All  Adjustable  All  All  Adjustable  All  All  All  All  Adjustable  All  All  Adjustable  All  All  All  All  All  All  All	30	Steady 100% *	Adjustable	30	Triple-Blast	Outside-in			
33 Clockwise Pulsing Scan * All 34 Steady 1% * Adjustable 35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	31	Clockwise Pulsing Chaser *	All	31	Swing II	Outside-in			
34 Steady 1% * Adjustable 35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	32	Cruise Mode (Steady 50%) * (Mode 1 Default)	Adjustable						
35 Butterfly Pulsing Scan * All 36 Pulsing Scan Wig-Wag * Left-Right 37 Pulsing Scan Wig-Wag * Outside-in 38 Double-Double Left-Right 39 Quad-Quad Left-Right 40 Triple-Blast Left-Right 41 Double-Double Outside-in 42 Quad-Quad Outside-in 43 Triple-Blast Outside-in 44 Swing II Outside-in 45 ICAO Single * Corners	33	Clockwise Pulsing Scan *	All						
36         Pulsing Scan Wig-Wag *         Left-Right           37         Pulsing Scan Wig-Wag *         Outside-in           38         Double-Double         Left-Right           39         Quad-Quad         Left-Right           40         Triple-Blast         Left-Right           41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	34	Steady 1% *	Adjustable						
37         Pulsing Scan Wig-Wag *         Outside-in           38         Double-Double         Left-Right           39         Quad-Quad         Left-Right           40         Triple-Blast         Left-Right           41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	35	Butterfly Pulsing Scan *	All						
38         Double-Double         Left-Right           39         Quad-Quad         Left-Right           40         Triple-Blast         Left-Right           41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	36	Pulsing Scan Wig-Wag *	Left-Right						
39         Quad-Quad         Left-Right           40         Triple-Blast         Left-Right           41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	37	Pulsing Scan Wig-Wag *	Outside-in						
40         Triple-Blast         Left-Right           41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	38	Double-Double	Left-Right						
41         Double-Double         Outside-in           42         Quad-Quad         Outside-in           43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	39	Quad-Quad	Left-Right						
42       Quad-Quad       Outside-in         43       Triple-Blast       Outside-in         44       Swing II       Outside-in         45       ICAO Single *       Corners	40	Triple-Blast	Left-Right						
43         Triple-Blast         Outside-in           44         Swing II         Outside-in           45         ICAO Single *         Corners	41	Double-Double	Outside-in						
44         Swing II         Outside-in           45         ICAO Single *         Corners	42	Quad-Quad	Outside-in						
45 ICAO Single * Corners	43	Triple-Blast	Outside-in						
	_		Outside-in						
46   ICAO Single * All   * Dim Mode is not applicable.	-	ŭ							
	46	ICAO Single *	All	* Di	m Mode is not applicable.				

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#### **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.

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**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.

#### 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:

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

## LOW POWER OPERATION / 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

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

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

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