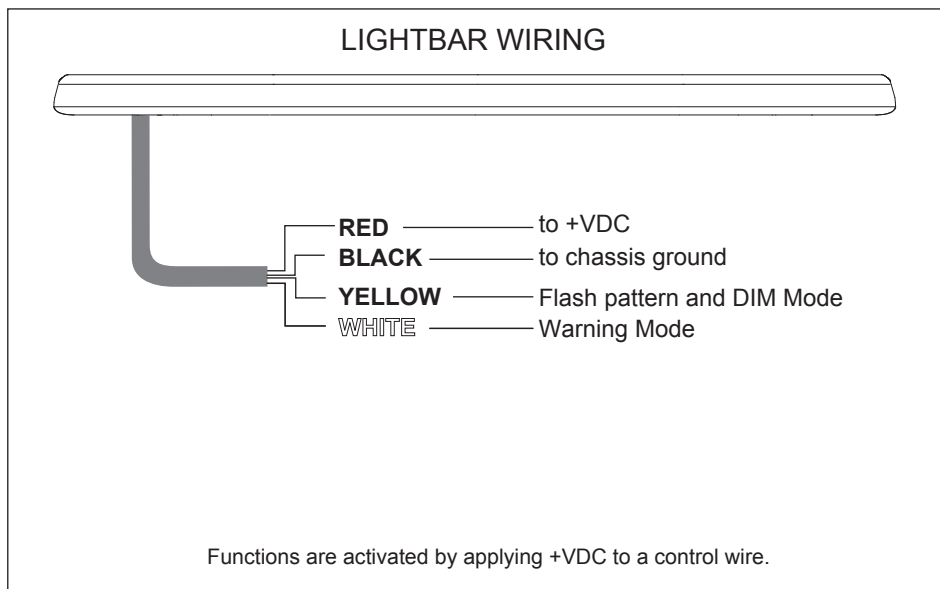## WIRING & FUNCTIONS (A3)

Different applications require different functions. It is highly recommended to determine and configure the required functions prior to Installation; (refer to 'CONTROL WIRES' section).

LIGHTBAR WIRING

RED ———————— to +VDC
BLACK ——————— to chassis ground
YELLOW —————— Flash pattern and DIM Mode
WHITE —————— Warning Mode

Functions are activated by applying +VDC to a control wire.

NOTE: Middle Section lights are independently switched and do not form part of the R65 Approval.
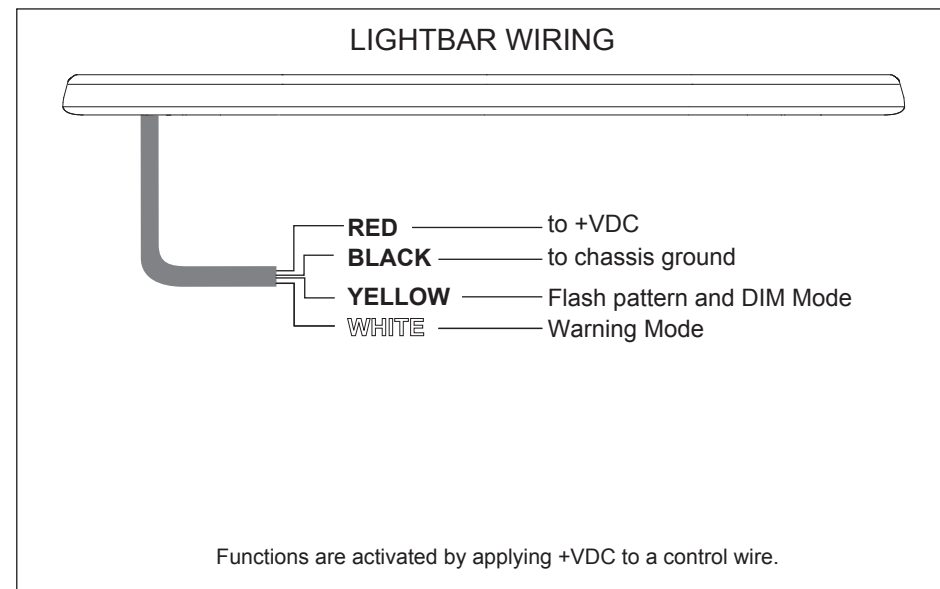
POWER WIRES

1. Route Power Cable to the vehicle firewall towards the battery.
2. Follow factory wiring harness through the firewall. It may be necessary to drill a hole in the firewall. Ensure that there are no components that could be damaged from the drilling.
3. Route the cable to the battery.
4. Install a 15Amp fuse (user-supplied) on the end of **RED** wire, then connect to battery.
5. Connect **BLACK** wire to the factory chassis ground adjacent to the battery.

NOTE: make sure that all wires of power cable are securely connected to power source.

CONTROL WIRES

1. Route Control wires towards the dash area to a switch panel (user-supplied).
2. Connect the required wires to the switch panel.

WARNING MODE

Activate Warning Mode by applying **+VDC** to WHITE wire. There is a list of built-in flash patterns to choose from. While in Warning Mode, tap **+VDC** to **YELLOW** wire:

- Once for next pattern.
- Quickly 3 times for FP#0.

FP#	FLASH PATTERN		FP#	FLASH PATTERN
0	Kit Scan (split)		13	Single H/L (split)
1	Outside-In Single		14	Single (all)
2	Outside-In Ultra		15	Double (all)
3	Side-by-Side Single		16	Quad (all)
4	Side-by-Side Ultra		17	Quint (all)
5	Random		18	Mega (all)
6	Single (split)		19	Ultra (all)
7	Double (split)		20	Single-Quad (all)
8	Quad (split)		21	Single H/L (all)
9	Quint (split)		22	Single Cross
10	Mega (split)		23	Ultra Cross
11	Ultra (split)		24	Rotator1
12	Single-Quad (split)		25	Rotator2

DIM MODE

The Lightbar can be activated in DIM Mode by applying **+12VDC** to **YELLOW** wire.