



CHAMELEON PROGRAMING ISTUCTIONS



RED	To +VDC (fuse @ 2A)
BLACK	To chassis ground
BLUE	For pattern change and sync
WHITE	For dim function
GREEN	For steady burn function
YELLOW	To +vdc (fuse@ 2A) for second colour(only dual colour light head has yellow wire)

Model	Single Colour	Dual Colour
LED Diode	6	3+3 partition
Max Current	0.9A @ 12 VDC 0.45A @ 24VDC	0.7A @ 12 VDC 0.35A @ 24 VDC
Voltage	12 ~ 24 VDC	
Operating Temp	-30 ~ 50 °c	
Values referenced as per lighthouse		

FLASH PATTERN	
1	Single 120 (R65)
2	Double 120 (R65)
3	Single (SAE)
4	Double (SAE)
5	Quad (SAE)
6	Single fast
7	double fast
8	Quad fast
9	Quad fast continue
10	Combo 1
11	Combo2
12	Speed up
13	Random
14	Steady burn

For dual colour lighthouse Flashing :

- Apply **RED** and **YELLOW** wire to +VDC together, two colours will flash alternatively.
- Two colours and dual colour can be set to different flash pattern.

For flash pattern :

- Momentarily apply **BLUE** wire to +VDC, the flash pattern will advance to the next one.
- Apply **BLUE** wire to +VDC for 3~5 seconds, the flash pattern will reset to pattern 1.

For synchronization :

- Connect **BLUE** wire of all light heads together. All light heads should be set at the same flash pattern.

For simultaneous or alternative flash :

- Apply **BLUE** wire to +VDC for 7 seconds to enter grouping mode.
3 LED flash – Group 1 (momentarily apply **BLUE** wire to +VDC to change group)
6 LED flash – Group 2
- Light heads in the same Group flash simultaneously.
- Light heads in the same Group flash alternatively.
- Turnoff the power to save and exit the grouping mode, the flash pattern will reset to pattern 1.

For dim function :

- Apply **WHITE** wire to +VDC, the light intensity will decrease to 60%for night time driving.

For steady burn function :

- Apply **GREEN** wire to +VDC, steady burn pattern will initiate and override original flash pattern