



# Installation manual

## PH-LL140 series

### Components

- > 2 screws
- > 2 plastic washers
- > 1 flat surface damage protection
- > 1 directional light PH-LL140 series



### Wire connection

- > Red +12VDC / +24VDC (fuse 3A)
- > Black Chassis Ground (Mass)
- > White Dimming function
- > Yellow Synchronisation

Synchronisation by connecting all heads  
Alle heads must have the same Flash Pattern



### Simultaneous or Alternating Flash

- > Apply +VDC to RED and YELLOW wires simultaneously to enter Grouping mode  
Light head will display short flashes:
  - Single flash: Group 1
  - Double flash: Group 2
- > Remove YELLOW wire from +VDC and momentarily apply to +VDC to change groups
  - o Heads in the same group flash together
  - o Group 1 Heads alternate with Group 2 Heads

### Selection Flash Patterns

Momentarily apply RED and WHITE wire for

- > Once for next pattern
- > Quickly three times for reset

FP#	Description	FP#	Description
1	Single (2Hz)	13	Single H/L (Split)
2	Double (2Hz ECE65)	14	Single (All)
3	Triple (2Hz)	15	Double (All)
4	Quad (2Hz)	16	Quad (All)
5	Random	17	Quint (All)
6	Single (Split)	18	Mega (All)
7	Double (Split)	19	Ultra (All)
8	Quad (Split)	20	Single-Quad (All)
9	Quint (Split)	21	Single H/L (All)
10	Mega (Split)	22	Steady 2 (California)
11	Ultra (Split)	23	Steady 4 (All)
12	Single-Quad (Split)		