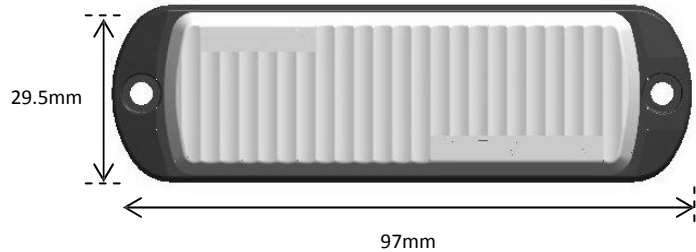


E104 - 6 wires Warning Light - Instruction Manual

SAE J595 Class 1 & CA Title 13 Approved

Technical Specifications	
Dimensions	97mm x 29.5mm x 10mm
Input Voltage	10 - 30 VDC
Operating Temperature	- 30° to + 55°C
Current Consumption	0.5A (MAX) @ 12.5V
LED Power	4 x 3W per LED



Initial Setup to Power Supply:

1. Ensure the Power Supply is 12/ 24VDC
2. Connect BLACK wire to GROUND
3. Connect RED or Pink wire to user-supplied switch. Connect the other side of the switch, through an 8A fuse, to the 12/ 24VDC +/- power supply.

Wiring Configuration

Color	Function	Description
Red	Positive	Positive Power Input (Warning Mode)
Black	Negative	Negative Power Input (Ground)
Blue	Pattern Change	Flash pattern selection. Make wire contact with POSITIVE for: 1. Less than 1 second for next pattern; 2. 1 to 3 seconds for previous pattern; 3. More than 3 seconds to return to pattern 1.
Green	Dim	Connect green wire to Positive to activate Dim function
Pink	Cruise	Connect to Positive for Cruise Mode. (without the Red wire)
Yellow	Synchronization	Synchronization mode for two or more modules. Mode of operation is as follows: 1. Select required flash pattern on each module 2. Disconnect the power 3. Join YELLOW wires of each module together 4. Reconnect the power

** Connect Red and Pink wire together to Positive [+] for Warning Mode.**

Pattern List

No.	Flash Pattern		Freq (/min)	Notes	No.	Flash Pattern		Freq (/min)	Notes
P1	Quad flash	Phase 1	75	Simultaneous	P23	Quad flash	Phase 1	180	Alternating
P2	Quad flash	Phase 2	75	Simultaneous	P24	Quad Flash	Phase 2	180	Alternating
P3	Triple flash	Phase 1	75	Simultaneous	P25	All-in single x 4 → all in quad x 2	Phase 1	180 → 75	No sync
P4	Triple flash	Phase 2	75	Simultaneous	P26	All-in single x 4 → all in quad x 2	Phase 2	180 → 75	No sync
P5	Double flash	Phase 1	75	Simultaneous	P27	All-in quad x 2 → all in double x 2 → all in quad x 2	Phase 1	75 → 125 → 125	No sync
P6	Double flash	Phase 2	75	Simultaneous	P28	All-in quad x 2 → all in double x 2 → all in quad x 2	Phase 2	75 → 125 → 125	No sync
P7	Single Flash	Phase 1	75	Simultaneous	P29	Breathing slow			No sync
P8	Single Flash	Phase 2	75	Simultaneous	P30	Breathing fast			No sync
P9	Quad flash	Phase 1	75	Alternating	P31	Steady on half/ quad other half	Phase 1	75	
P10	Quad flash	Phase 2	75	Alternating	P32	Steady on half/ quad other half	Phase 2	75	
P11	Triple flash	Phase 1	75	Alternating	P33	Steady on half/ single other half	Phase 1	75	
P12	Triple flash	Phase 2	75	Alternating	P34	Steady on half/ single other half	Phase 2	75	
P13	Double flash	Phase 1	75	Alternating	P35	Quad other half /Steady on half	Phase 1	75	
P14	Double flash	Phase 2	75	Alternating	P36	Quad other half /Steady on half	Phase 2	75	
P15	Single Flash	Phase 1	75	Alternating	P37	Single other half /Steady on half	Phase 1	75	
P16	Single Flash	Phase 2	75	Alternating	P38	Single other half /Steady on half	Phase 2	75	
P17	Quad flash	Phase 1	125	Simultaneous	P39	Steady on		3~16 sec. down to 30%	
P18	Quad flash	Phase 2	125	Simultaneous	P40	Random (combination of flash patterns)			No sync
P19	Quad Flash	Phase 1	180	Simultaneous	P41	Quad flash+ Cruise 5%	Phase 1	75	Simultaneous
P20	Quad Flash	Phase 2	180	Simultaneous	P42	Quad flash+ Cruise 5%	Phase 2	75	Simultaneous
P21	Quad Flash	Phase 1	125	Alternating					
P22	Quad flash	Phase 2	125	Alternating					

- To review the Limited Warranty Statement & Return Policy for this Eight EVP product please visit our website at www.8evp.com and select the "Warranty & Returns" link on the contact page. If you have questions regarding this product please contact Technical Services, Monday - Friday, 7.30 am to 4 pm central at 615.868.1588. Questions or comments that do not require immediate attention may be emailed to sales@8evp.com
- Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.