



Eight EVP LLC

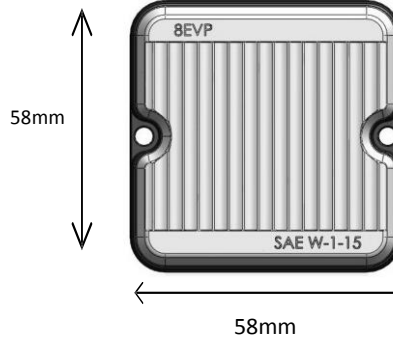
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⚠ WARNING

This product contains high-powered LEDs.
 Avoid staring into light at close range or for
 excessive periods of time.

E202S Warning Light - Instruction Manual

Technical Specifications	
Dimensions	58mm x 58mm x 10mm
Input Voltage	10-30 VDC
Operating Temperature	- 30° to + 55°C
Current Consumption	1A (MAX) @ 13.5V
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 (Ground)	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.
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

Pattern List							
P1	Quad flash Phase 1	75 / minute	Simultaneous	P22	Quad flash Phase 2	125 / minute	Alternating
P2	Quad flash Phase 2	75 / minute	Simultaneous	P23	Quad flash Phase 1	180 / minute	Alternating
P3	Triple flash Phase 1	75 / minute	Simultaneous	P24	Quad Flash Phase 2	180 / minute	Alternating
P4	Triple flash Phase 2	75 / minute	Simultaneous	P25	All-in single x 4 + all in quad x 2 Phase 1	180 + 75 / minute	
P5	Double flash Phase 1	75 / minute	Simultaneous	P26	All-in single x 4 + all in quad x 2 Phase 2	180 + 75 / minute	
P6	Double flash Phase 2	75 / minute	Simultaneous	P27	All-in quad x 2 + all in double x 2 + alt quad x 2 Phase1	75/125/125/ min	
P7	Single Flash Phase 1	75 / minute	Simultaneous	P28	All-in quad x 2 + all in double x 2 + alt quad x 2 Phase2	75/125/125/ min	
P8	Single Flash Phase 2	75 / minute	Simultaneous	P29	Breathing slow		
P9	Quad flash Alternating Phase 1	75 / minute	Alternating	P30	Breathing fast		
P10	Quad flash Alternating Phase 2	75 / minute	Alternating	P31	Steady on half/ quad other half Phase 1	75 / minute	
P11	Triple flash Alternating Phase 1	75 / minute	Alternating	P32	Steady on half/ quad other half Phase 2	75 / minute	
P12	Triple flash Alternating Phase 2	75 / minute	Alternating	P33	Steady on half/ single other half Phase 1	75 / minute	
P13	Double flash Alternating Phase 1	75 / minute	Alternating	P34	Steady on half/ single other half Phase 2	75 / minute	
P14	Double flash Alternating Phase 2	75 / minute	Alternating	P35	Quad other half /Steady on half Phase 1	75 / minute	
P15	Single Flash Alternating Phase 1	75 / minute	Alternating	P36	Quad other half /Steady on half Phase 2	75 / minute	
P16	Single Flash Alternating Phase 2	75 / minute	Alternating	P37	Single other half /Steady on half Phase 1	75 / minute	
P17	Quad flash Simultaneous Phase 1	125 / minute	Simultaneous	P38	Single other half /Steady on half Phase 2	75 / minute	
P18	Quad flash Simultaneous Phase 2	125 / minute	Simultaneous	P39	Steady on	3~16 seconds down to 30%	
P19	Quad Flash Simultaneous Phase 1	180 / minute	Simultaneous	P40	Random (combination of flash patterns)		
P20	Quad Flash Simultaneous Phase 2	180 / minute	Simultaneous	P41	Quad flash +Cruise 5% Phase 1	75 / minute	Simultaneous
P21	Quad Flash Phase 1	125 / minute	Alternating	P42	Quad flash+ Cruise 5% Phase 2	75 / minute	Simultaneous

* 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, 8.30 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.