



# Eight EVP LLC

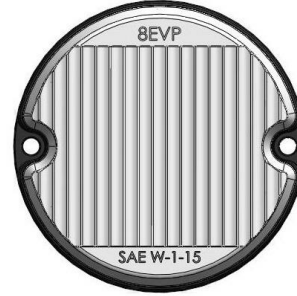
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**⚠ WARNING**

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

## E202R Warning Light - Instruction Manual

Technical Specifications	
<b>Dimensions</b>	66mm x 10mm
<b>Input Voltage</b>	10-30 VDC
<b>Operating Temperature</b>	- 30° to + 55°C
<b>Current Consumption</b>	1A (MAX) @ 13.5V
<b>LED Power</b>	4 x 3W per LED



←—————→  
66mm

### 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

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