



Australian & New Zealand Distributor

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WARNING

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

OZ31 - LED Warning Light - Instruction Manual

Technical Specifications	
Dimensions	82mm x 35mm x 31.5mm
Input Voltage	12-24 VDC
Operating Temperature	-40° to +65°C
Current Consumption	0.8A (MAX) @ 12.8V
LED Power	3 x 3W per LED

SAE J595 Class 1 & CA Title 13 Approved



Initial Setup to Power Supply:

1. Ensure the Power Supply is 12/ 24VDC
2. Connect BLACK wire to GROUND
3. Connect RED 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
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. 3 to 5 seconds for Steady On. 4. More than 5 seconds for OFF.
Yellow	Synchronization	Simultaneous Flash 1. Select required PHASE 1 flash pattern on each module. 2. Disconnect the power. 3. Join YELLOW wires of each module together. 4. Reconnect the power. Alternating Flash 1. Follow all steps under Simultaneous Flash. 2. If using two modules, tap one of the two BLUE wires to POSITIVE. If using three or more modules (e .g. two pairs of two), then tap both BLUE wires of one pair to POSITIVE.
Green	Positive to Dim	Connect to POSITIVE for HALF MODE

Flash Patterns

Description

P1	Quad Flash – Phase 1	120/min	P7	Quad Flash – Phase 1	90/min	P13	Double Flash – Phase 1	270/min
P2	Quad Flash – Phase 2	120/min	P8	Quad Flash – Phase 2	90/min	P14	Double Flash – Phase 2	270/min
P3	Double Flash – Phase 1	120/min	P9	Double Flash – Phase 1	90/min	P15	Single Flash – Phase 1	300/min
P4	Double Flash – Phase 2	120/min	P10	Double Flash – Phase 2	90/min	P16	Single Flash – Phase 2	300/min
P5	Single Flash – Phase 1	120/min	P11	Quad Flash – Phase 1	270/min	P17	Fast -> Slow (POP-Cycle)	
P6	Single Flash – Phase 2	120/min	P12	Quad Flash – Phase 2	270/min	P18	Steady On*	

*(0~3 sec full light, 3~16 sec decrease intensity from 100% to 30%.)