

OZBEACON 18 LED Permanent Mount Beacon



SAE J845 Class 1 & CA Title 13 Approved



High-Intensity, Low-Profile

The Surface/Permanent Mount LED Beacon is a robust and high-performance solution for long-term use in demanding environments. Equipped with 12 x 3-watt high-intensity LEDs and an additional 6 upward-facing LEDs, this beacon ensures excellent visibility from all angles, including above. It offers 26 flash patterns, including a dimmable Cruise mode, allowing you to customize its operation to suit various needs. The permanent mounting option ensures a secure, stable installation, making it ideal for vehicles and equipment that require a fixed solution. With a waterproof IP67 rating, UV-resistant polycarbonate lens, and aluminum base for heat dissipation, this beacon is built to withstand harsh outdoor conditions.

Technical Specifications	
Dimensions	Base – 180.07mm Lens – 150mm Height – 61.9mm
Input Voltage	10-40 VDC
Operating Temperature	- 40° to + 65°C
Current Consumption	3.7A (MAX) @ 12.8V
LED Power	12 x 3W LED

Wiring Configuration		
Color	Function	Description
Black 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. More than 3 seconds to return to pattern 1. Synchronization mode for two or more modules. Mode of operation is as follows: 1. Select required flash pattern on each module
Brown	Synchronization	2. Disconnect the power 3. Join SYNC wires of each module together 4. Reconnect the power
Yellow	Phase Mode	Phase mode (alternating flash) for two or more modules. 1. Follow all steps under Synchronization 2. Join YELLOW wire to POSITIVE to activate Phase.
Orange	Cruise Mode	Connect to POSITIVE for CRUISE MODE (40% steady on).
Purple	Dim Mode	Connect to POSITIVE for DIM MODE.

Flash Patterns					
Description					
P1	Quad Flash	125/min	P14	Alternating Double ¹	90/min
P2	Double Flash	125/min	P15	Alternating Single ¹	90/min
P3	Single Flash	125/min	P16	Alternating Quad ¹	180/min
P4	Quad Flash	180/min	P17	Alternating Double ¹	180/min
P5	Single Flash	180/min	P18	Alternating Single ²	180/min
P6	Single Flash	370/min	P19	Alternating Quad ²	90/min
P7	Single Revolving	75/RPM	P20	Alternating Double ²	90/min
P8	Single Revolving	150/RPM	P21	Alternating Single ²	90/min
P9	Quad Revolving	75/RPM	P22	Alternating Quad ²	180/min
P10	Double Revolving	75/RPM	P23	Alternating Double ²	180/min
P11	Quad Revolving	150/RPM	P24	Alternating Single ²	180/min
P12	Double Revolving	150/RPM	P25	Steady On ³	
P13	Alternating Quad ¹	90/min	P26	Single Flash	24/min

Remark:

1. Half side by side.
2. Crisscrossed
3. 0~3 sec full light, 3~16 sec decrease intensity from 100% to 40%.



THE FLASHER UNIT MUST BE PROTECTED BY A CUSTOMER SUPPLIED 10AMP INLINE FUSE ON THE POSITIVE