



P/N: EB8160A-VM



P/N: EB8160A

BEACONS

EB8160 Series

Heavy-Duty LED Beacon



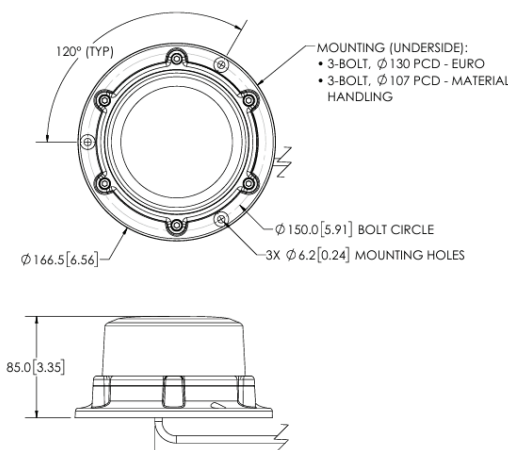
The EB8160 Heavy-Duty Beacon is designed and engineered in Australia for demanding applications. Combining SAE Class 1 warning performance with CISPR 25 Class 5 EMC protection, it delivers powerful visibility while helping minimise interference with radios, GPS and sensitive onboard electronics. Rugged die-cast aluminium construction, a UV-resistant polycarbonate lens and IP67/IP69K protection provide serious durability for today's connected vehicles and toughest working environments.

Model

PART NO.	LENS/LED	VOLTAGE	AMPS	BASE	Cable
EB8160A		10-32	2.2-4.4	Flange	1.6m harness
EB8160A-VM		10-32	2.2-4.4	Vacuum Magnet	4.5m/Power Plug Momentary Switch

Features & Benefits

- CISPR 25 Class 5 EMC – radiated & conducted emissions, 30 MHz–2.5 GHz
- ECE R10 & RCM EMC compliance
- SAE Class 1A (W3-1) warning performance
- IP67 & IP69K dust, water & pressure-wash protection
- 20 flash patterns, including Pulse & 3 auto-dimming patterns
- 24 high-performance amber LEDs with 3-stage optics
- Upward-facing LEDs for enhanced vertical & horizontal visibility
- Heavy-duty construction, hard-coated polycarbonate lens, alloy base & silicone O-ring
- Multiple mounting patterns – 150 mm, 130 mm & 107 mm PCD
- Pressure vent & EPDM base gasket
- Operating temperature: -40°C to +60°C
- ISO 16750-2 Pulse 5a Class A load-dump protection



Hard-wire Functions

Wire:	Function:
Red	Positive
Black	Negative
Yellow	Sync
Blue	Flash pattern change to Negative

Note: Sync not available with the EB8160A-VM Momentary Switch

Flash Pattern Selection (Hard-wire)

Apply Blue to Black wire:	
Push Times:	Function:
0 ~ 1 sec.	next pattern
1 ~ 3 sec.	previous pattern
3 ~ 5 sec.	factory default pattern
5 ~ sec.	last pattern