



BF900 LED Beacon

90W Solid-state LED Beacon with
Die-cast Alloy Base SAE J845 Class 1



Design Features

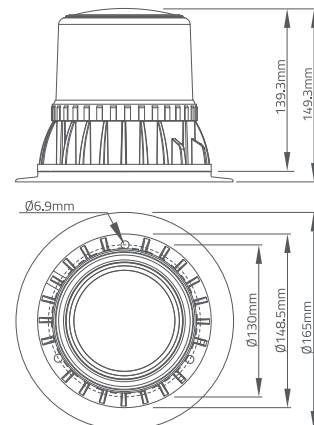
- Seven selectable flash patterns including simulated rotate: internal selection of single flash (two speeds), double flash, quadruple flash, and simulated rotation at 150rpm and 210rpm to suit most applications; an auto/random function is also built-in
- BF900 Series bolt base version also features three user configurable preset flash patterns that can be selected via a remote wired switch (not included), dimmable mode for night use (user selectable) and synchronisation with multiple additional BF900 Series beacons
- High optic lens with sixteen 6W LEDs: advanced lens with internal optics (smooth exterior) improves the visibility of the sixteen 6W LEDs while a lens top shield significantly increases daytime effective intensity, available in clear or amber coloured lens with amber LEDs
- Gasket sealed polycarbonate lens and gel-filled die-cast alloy base: no moving parts makes this beacon very robust with high dust, moisture and vibration resistance; the die-cast alloy base makes it suited to the toughest of applications, IP67
- Three hole mount with rubber gasket: bottom or side cable entry allows for different mounting options whilst providing vibration resistance, features three-hole ISO footprint
- SAE J845 Class 1 beacon, EMC: ISO 13766 with ESD protection
- Bolt base version feature three hole mount with stainless steel fittings and nyloc nuts
- Suction magnetic base version features combination cigarette lighter and accessory (Merit) plug

Specifications

- Multivoltage 10–30VDC. Selectable rotation speed 150 or 210 RPM.
- Maximum current draw of 7.5A @ 12VDC, Average current draw of 4.5A @ 12VDC
- Bolt base height 139.3mm x Ø 148.5mm, Suction magnetic base height 149.3mm x Ø 165mm

Part Numbers

BF900-00	Amber LEDs, amber lens, bolt base, three hole mount, die-cast alloy
BF900-04	Amber LEDs, clear lens, bolt base, three hole mount, die-cast alloy
BF904-00	Amber LEDs, amber lens, suction magnetic base, 1–3 metre curly cord, cig and merit
BF904-04	Amber LEDs, clear lens, suction magnetic base, 1–3 metre curly cord, cig and merit



BF900 Series LED Beacon Features

90W Solid-state LED Beacon with Die-cast Alloy Base SAE J845 Class 1

Tough Polycarbonate lens

with smooth finish for increased dust resistance and low wind drag.

Internal high optics design

directs LED intensity improving visibility over greater distances.

Lens top sunlight shield

significantly increases daytime effective intensity under the harsh Australian sunlight.

Solid aluminium core and top heatsink

provide maximum thermal management for high powered LEDs.

Chrome plated high gloss reflectors

focus LED intensity improving visibility over greater distances.

Sixteen 6W custom designed LEDs

90W of LED power suitable for high output, heavy duty applications.

Seven selectable flash patterns

with easy internal selection of single flash (two speeds), double flash, quadruple flash, simulated rotation (two speeds) and auto/random.

IP67 Gel-filled base gasket sealed

very robust with high dust, moisture and vibration resistance.

Heavy duty die-cast alloy base

provides maximum durability and heatsinking.

Versatile mounting gasket supplied

allows for different mounting options whilst providing vibration resistance. Stainless steel corrosion resistant fitting with vibration resistant nyloc nuts.



Three user configurable preset flash patterns that can be selected via a remote wired switch dimmable mode for night use (user selectable) and synchronisation with multiple additional BF900 Series beacons. BF900 Series bolt base version only.

- Dip switch for simple set and forget flash pattern selection
- Per-set flash pattern via internal set button, change via remote wired switch (BF900 Series Bolt base version only)
- Synchronise with multiple BF900 beacons (BF900 Bolt base only)
- Dimmable 30% mode for night use (BF900 Bolt base only)
- For further information please visit www.britaxbeacons.com.au

