



RETROFIT

BELISHA BEACON LAMP



The management system governing the manufacture of this product is ISO 9001:2015 certified

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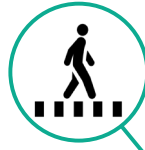
 [indo-lighting-ltd](https://www.linkedin.com/company/indo-lighting-ltd)

INDO Belisha Beacon Lamps

Flashing BLUE



Zebra Crossings & Centre Islands



Features

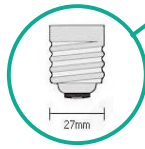
- Direct Drive® technology
- Lightest fitting on market (90g)
- Huge energy savings
- Static and Flashing options
- Flashes 40 x per minute
- Unique thermal management
- 0.32 failures per million operating hours
- No rotary flasher unit needed

Benefits

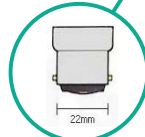
- Up to 77% energy reduction
- Rapid payback
- Quick and simple to install
- No driver = Low maintenance
- Reduced whole life cost and risk
- Minimal stress on the lampholder
- Quality design & engineering



Static CLUE



Edison Screw
E27



Bayonet Cap
B22



Easy Fit



The BLUE and CLUE are INDO'S latest LED direct lamp retrofits, purpose-designed for Belisha Beacons. Energy consumption is very low with a circuit wattage of just 6W and 8W respectively, yet with a highly conspicuous light output. The unit offers market-leading service lifetime set purely by the life of the LEDs themselves and not any other life-limiting factor. Financially, payback periods of less than two years are typical.

As you'd expect, both the BLUE and CLUE make use of INDO's unique Direct Drive® circuit, meaning that unreliable capacitors have been removed from the circuit, reducing lamp maintenance significantly. Direct Drive® is a technology that lends itself well to the regular on/off switching required in a flashing beacon unit; more so than some other switched-mode power supply technologies.

These neat lamps have been specifically designed to ensure no stress is placed on the lampholder. Their lightweight nature eliminates the issue of lampholders becoming bent and connections being pulled out. At just 90g BLUE and CLUE are the lightest LED Belisha Lamps on the market.

BLUE is a flashing lamp while CLUE is your static option for Central Island beacons

Direct Drive® delivers:

- Lower whole-life costs
- Lower whole-life maintenance risk
- Market-leading reliability
- Better value customer procurement

Technical Specifications

PRODUCT ORDERING OPTIONS

Model	FIT BLUE FIT CLUE
Power	6W flashing BLUE 8W static CLUE
Correlated Colour Temperature (CCT)	5000K
Mounting	Bayonet (B22) or Edison Screw (E27)
Control Options	Mains
Dimming	Fixed (no dimming)
Lens type	Frosted
Luminaire Colour	Not applicable

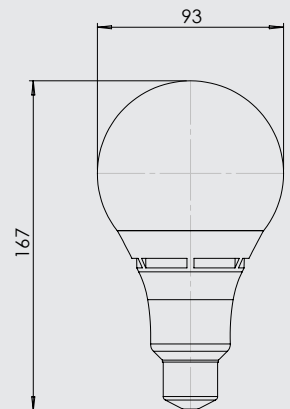
For more information on selecting the correct lamp specification to suit your application, please contact your local account manager direct or call the main office (option1 sales)

KEY FEATURES

Direct Drive®	Yes
Replacement For	60W Halogen Belisha Beacon Lamps
Net Weight	90g
Colour Rendering Index	> 70
Fully CMS Addressable	Yes
Reliability	0.32 failures per million operating hrs
Nominal Flux	800 lm BLUE, 640 lm CLUE
LED Efficacy	145 lm/W
Lumen Maintenance	L80 @ 80,000 hours

PHYSICAL & ELECTRICAL PROPERTIES

Materials	Thermally conductive polyamide lampholder Polycarbonate lamp cover
Dimensions	167 mm x 93 mm
IP Rating (Optic + Gear)	IP4X
Number of LEDs	8
Operating Temperature Range	-40°C (min) to +40°C (max)
Input Range	195-265V @50Hz
Operating Frequency	100Hz
Power Factor	> 0.9
Risk Group	RG0
UMSUG Code BLUE	79 46 006 002 100
UMSUG Code CLUE	42 00 080 000 100



BLUE & CLUE DIMENSIONS (mm)
B22 and E27 variants are the same size with exception of the base diameter @ 22/27mm



Zebra crossing on two way road with kerbside single Belisha Beacons



Centre island with twin globes plus two outer kerbside single Belisha Beacons