

The Philips logo, consisting of the word "PHILIPS" in a bold, blue, sans-serif font.The text "Sensor BLE Beacon" in a white, sans-serif font, positioned on a dark blue background.

Specification Sheet

LBB1000

BLE beacon for Philips IPS

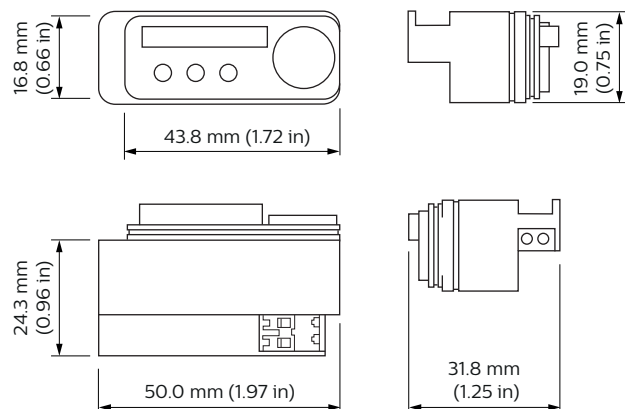
The LBB1000 is a Bluetooth Low Energy (BLE) beacon. It is designed for use in Philips Indoor Positioning System (IPS). It sends a BLE message that helps navigation in this system. The LBB1000 can also be configured using the Philips IPS system as iBeacon for BLE advertising.

The LBB1000 can be mounted into a luminaire, lighting system, ceiling or mounting box.

The LBB1000 can be powered by 5 Vdc, 12 Vdc, SR or DALI.

LBB1000

Dimensions



Specifications

General Characteristics

Input voltage	5 V ($\pm 10\%$) to 22.5 V (max), dc, no polarity
Input current	5 mA (typical) at 12 to 20 V (12 V, DALI or SR) 12 mA (typical) at 5 V
Connectors	Poke-in, press release connectors
Wiring connectors	Solid 0.2 mm ² - 0.8 mm ² (AWG18 - AWG24) Stranded 0.45 mm ² - 0.7 mm ² (AWG20 - AWG22) Diameter cable (wire + insulation) \varnothing 2.1 mm max Strip 8.0 mm ± 0.5 mm

Environmental conditions

Temperature	0 to 55 °C (operation) -40 to 80 °C (storage)
Humidity	20 to 85%, no condensation (operation) 10 to 90%, no condensation (storage)
Protection class	IP20

Housing

Material	PC / ABS
Color	White
Dimensions (length, width, height)	50.0 × 19.0 × 31.8 mm (1.97 × 0.75 × 1.25 in)
Weight	17 g (0.6 oz)

Standards and approvals

Certifications	CE, UL (cURus, Class 2 plenum rated, dry conditions), ENEC BLE Bluetooth V4.2, certification module ID D032220 FCC (ID: XPYNINAB1), SRRC (CMIIT ID: 2018DJ2304), RSS (IC: 8595A-NINAB1)
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Ordering Data

Type	MOQ	Ordering number	EAN code level 1	EAN code level 3	EOC
LBB1000/00 BLE beacon ph	50	9137 010 38403	8718696 797150	8718696 797167	797150 00

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