

BLUE LITE ID+ Mesh

MESH 2.4 Ghz location beacon



BENEFITS

- Ultra compact
- Replaceable battery & smart battery management
- Simple deployment, maintenance, and expansion
- Pick to light : high power integrated LED
- Smart & secure programming by NFC
- Over-the-air (OTA) firmware update via network



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	2.4 GHz – BLE channel / Mesh network
Output power	Up to +4 dBm (Smart network)
Range	Up to 100 meters open field (+4 dBm)
Transmission period	Setting of the 2 transmission periods (Moving state and static state), 15" to 18H.
Radio frame format	Setting of the 3-byte identifier, WIREPAS Network Address and Channel. BLE Advertising Frame: Transmission Interval, Name and Power.* <i>*Refer to the frames specification for more information.</i>
Settings and configuration	Interface/protocol: NFC (Type 2) Acceleration level for inertial event wake up Network Configuration and Diagnostics: Wirepas Network Tool software
Mobile beacon mode	Periodic transmission of identifier and location data
LED Indicator	Controllable via network

Sensor performance	<p>Location accuracy: 5 to 10 meters</p> <p>Accelerometer: Detection of inertial events (extension of battery life)</p> <p>Range: -8g to 8g configurable threshold</p>
---------------------------	--

BATTERY

Power supply	3 VDC - Internal lithium battery
Battery life	<p>Up to 6.5 years</p> <p>Battery voltage level sent via network and on MQTT Topic*</p> <p><i>*Refer to the battery life curves for more information.</i></p>

CERTIFICATIONS

Europe	CE : EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368
USA	FCC : FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHS	Yes

HOUSING

Dimensions	45 x23.2x5.3 mm - 1 hole for M2 fixing
Weight	8g
Materials	<p>Casing: ABS+PC (UL94V0, halogen-free, medical grade)</p> <p>Seal: TPE</p>
Operating temperature	-30°C to +70°C

ACCESSORIES

LITE STICKER (ACIOM204)
Thickness: 0,3mm

MECHANICAL DRAWINGS

