

## 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

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

**Sensor performance**

Location accuracy: 5 to 10 meters  
Accelerometer: Detection of inertial events (extension of battery life)  
Range: -8g to 8g configurable threshold

**BATTERY**

**Power supply**

3 VDC - Internal lithium battery

**Battery life**

Up to 6.5 years  
Battery voltage level sent via network and on MQTT Topic\*  
*\*Refer to the battery life curves for more information.*

**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**

Casing: ABS+PC (UL94V0, halogen-free, medical grade)  
Seal: TPE

**Operating temperature**

-30°C to +70°C

**ACCESSORIES**

LITE STICKER (ACIOM204)  
Thickness: 0,3mm

**MECHANICAL DRAWINGS**

