

Blue LITE ID+ Mesh

MESH 2.4 Ghz location non-router Tag



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	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
UK UKCA
USA FCC : FCC PART 15
Canada ISED : RSS-247/ICES-003
RoHS Yes

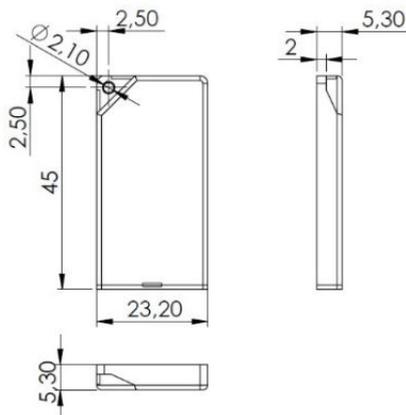
HOUSING

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



AVAILABLE REFERENCES

Ref	Description
IDF28453-01A	Blue Lite ID + MESH STACK WP4 compatible & IP65
IDF28453-02A	Blue Lite ID + MESH STACK WP5 compatible & IP65