

# BLUE LITE ID QUUPPA

**AOA RTLS beacon** 

## **BENEFITS**

- Location high accuracy <1m
- Ultra compact
- High lifecycle: up to 5 years
- Replaceable battery
- Pick to light : Integrated LED
- Integrated NFC chipset



## **TECHNICAL SPECIFICATIONS**

#### **OPERATING MODE**

Frequency Output power Range	2.4 GHz - Bluetooth + 2 proprietary channels (2401MHz & 2481MHz) Up to +4 dBm (configurable) Up to 300 meters in open field (+4dBm)
Transmission period	<b>Smart battery management:</b> Static state : Transmit period: 1 to 10 sec, or standby Moving state : Transmit period: 0.1 to 1 sec
Radio frame format	Location packet + data packet (13 Bytes)* *Refer to the frames specification for more information.
Settings and configuration	Interface/protocol : NFC (Type 2)
Operating mode	Data periodic transmission by motion detection (QUUPPA protocol) Commands : - LED indicator (ON / OFF) - Battery level
Sensor performance	Location accuracy : 10 cm to 1m 3-axis accelerometer for moving event detection (battery life extension) Range: -8g to 8g Resolution: 32 mg

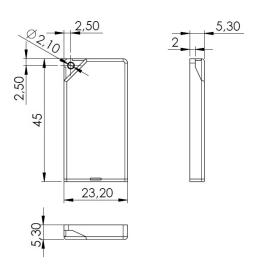
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Power supply	3 VDC – replaceable CR2032 battery
Battery life	Up to 5 years* *Refer to the battery life curves for more information.
Battery level	Low battery warning from 15%
CERTIFICATIONS	
Europe	CE : EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368
USA	FCC: FCC PART 15
Canada	ISED : RSS-247/ICES-003
RoHS	Yes
HOUSING	
Dimensions	45x23.2x5.3mm-1 hole for M2 fixing
Weight	8g
Materials	Casing: ABS+PC (UL94V0, halogen-free, medical grade) Seal: TPE
Waterproof grade	IP 65

### **MECHANICAL DRAWINGS**



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