



## BLUE LITE ID

### Bluetooth Low Energy Beacon

#### BENEFITS

- Ultra-compact
- High autonomy : up to 6.8 years
- Replaceable battery
- Pick to light : integrated high power LED
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)
- Dynamic Advertising period



## TECHNICAL SPECIFICATIONS

### OPERATING MODE

<b>Frequency</b>	2.4 GHz - Bluetooth Low Energy 4.2
<b>Output power</b>	Up to +4 dBm (configurable)
<b>Range</b>	Up to 300 meters in open field (+4dBm)
<b>Transmission period</b>	2 advertising periods can be configured (value between 0,1 and 86400 seconds). Transition from one to another according to configurable sensor threshold
<b>Radio frame format</b>	<b>ELA ID</b> (15 bytes identifier) <b>iBeacon</b> <b>Eddystone</b>  <i>Other frame format available on request. Refer to the frames specifications for more information</i>
<b>Parameters and configuration</b>	Interface/protocol : NFC (Type 2)
<b>Connected mode</b>	LED indicator (ON / OFF) command / Battery level

### BATTERY

<b>Power supply</b>	3 VDC – replaceable CR2032 battery
<b>Battery life</b>	ID (ELA): 6.8 years iBeacon (Apple): 6.2 years Eddystone (Google): 6.2 years* <i>*Refer to the battery life curves for more information.</i>
<b>Battery level</b>	Low battery warning in advertising frames (<15%) Battery voltage in scan response frames (configurable)

## CERTIFICATIONS

<b>Europe</b>	CE / UK CA : EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368
<b>USA</b>	FCC : FCC PART 15 / RoHS
<b>Canada</b>	ISED : RSS-247/ICES-003 / RoHS
<b>RoHs/REACH</b>	Yes

## HOUSING

<b>Dimensions</b>	45mm length, 23.2mm width, 5.3mm height 1 hole for M2 fixing
<b>Weight</b>	8g
<b>Materials</b>	Casing: ABS+PC (UL94V0, halogen-free, medical grade) Seal: TPE
<b>Waterproofness</b>	IP 65
<b>Operating temperature</b>	-30°C to +70°C

## ACCESSORIES

LITE STICKER (ACIOM204)  
Thickness: 0,3mm

## MECHANICAL DRAWINGS

