



## BLUE LITE ID

### Bluetooth Low Energy Beacon

#### BENEFITS

- Ultra-compact
- High autonomy : up to 5 years
- Replaceable battery
- Pick to light : integrated high power LED
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)



## 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>	Advertising period (0,1 sec to 10 sec – configurable in seconds)
<b>Radio frame format</b>	Identifier : 15 characters max (15 bytes) Compatible : ID (ELA), iBeacon (Apple) and Eddystone (Google)* <i>*Refer to the frames specification for more information.</i>
<b>Settings and configuration</b>	Interface/protocol : NFC (Type 2)
<b>Connected mode</b>	LED indicator (ON / OFF) command / Battery level
<b>Advertising mode</b>	Periodic transmission of identifier data (beacon mode)

### BATTERY

<b>Power supply</b>	3 VDC – replaceable CR2032 battery
<b>Battery life</b>	ID (ELA)/iBeacon(Apple)/Eddystone (Google) : 5 years <i>*Refer to the battery life curves graphs 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 : 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</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>Waterproof grade</b>	IP 65
<b>Operating temperature</b>	-30°C to +70°C

## ACCESSORIES

LITE STICKER (ACIOM204)  
Height: 0,3mm

## MECHANICAL DRAWINGS

