



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

Frequency	2.4 GHz - Bluetooth Low Energy 4.2
Output power	Up to +4 dBm (configurable)
Range	Up to 300 meters in open field (+4dBm)
Transmission period	Advertising period (0,1 sec to 10 sec – configurable in seconds)
Radio frame format	Identifier : 15 characters max (15 bytes) Compatible : ID (ELA), iBeacon (Apple) and Eddystone (Google)* <i>*Refer to the frames specification for more information.</i>
Settings and configuration	Interface/protocol : NFC (Type 2)
Connected mode	LED indicator (ON / OFF) command / Battery level
Advertising mode	Periodic transmission of identifier data (beacon mode)

BATTERY

Power supply	3 VDC – replaceable CR2032 battery
Battery life	ID (ELA)/iBeacon(Apple)/Eddystone (Google) : 5 years <i>*Refer to the battery life curves graphs for more information.</i>
Battery level	Low battery warning in advertising frames (<15%) Battery voltage in scan response frames (configurable)

CERTIFICATIONS

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

HOUSING

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

ACCESSORIES

LITE STICKER (ACIOM204)
Height: 0,3mm

MECHANICAL DRAWINGS

