

BLUE PUCK ID

Industrial Bluetooth Low Energy beacon



Eddystone



BENEFITS

- Very high autonomy : up to 20 years
- Pick-to-light : integrated high power LED
- High transmission range
- Waterproof (IP68)
- Smart & secure programming by NFC
- Over The Air Programming (OTAP)



TECHNICAL SPECIFICATIONS

OPERATING MODE

| | |
|-----------------------------------|--|
| Frequency | 2,4 GHz - Bluetooth Low Energy 4.0/4.2 |
| Output power | Up to +4 dBm (configurable) |
| Range | Up to 500 meters in open field (+4dBm) |
| Transmission period | Advertising period (0,1 sec to 10 sec – configurable) |
| Radio frame format | Identifier: 15 characters max (15 bytes) Compatible: ID (ELA), iBeacon (Apple) et 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 - Internal lithium battery |
| Battery life | ID (ELA), iBeacon, Eddystone : up to 20 years* <i>* Refer to the battery life curves 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 301 489 & EN 55032 / EN 62368-1 |
| USA | FCC : FCC PART 15 |
| Canada | ISED : RSS-247 / ICES-003 |
| RoHs | Yes |

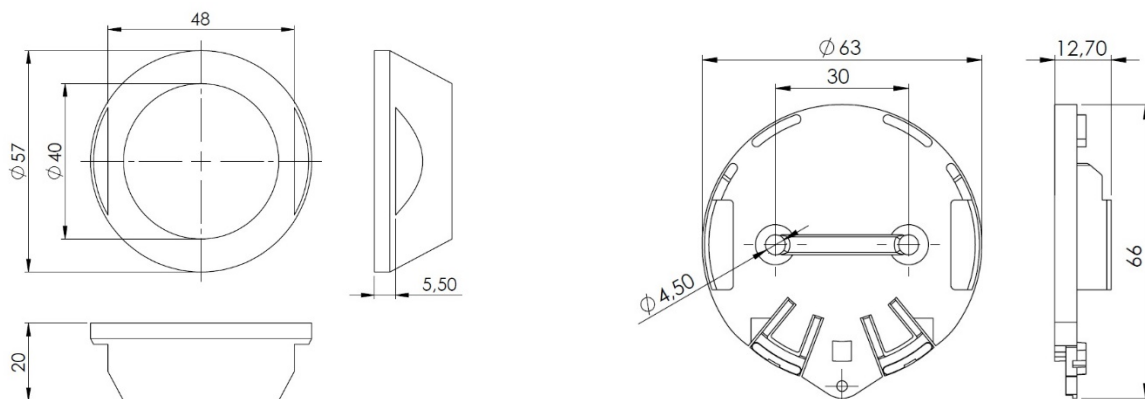
HOUSING

| | |
|------------------------------|---|
| Dimensions | Ø 57 mm base – Height : 20 mm |
| Weight | 41g |
| Materials | DELRIN (POM C) Compatible with food products (90/128/EEC) |
| Waterproofness | IP 68 |
| Operating temperature | -40°C to +85°C |

ACCESSORIES

| | |
|--------------------|---|
| Tag support | PUCK HOLDER STICKER (ACIOM118B) PUCK HOLDER (ACIOM117B) PUCK STICKER (ACIOM188) 3M PT1100 - Ø 53mm – Height: 1,1mm |
|--------------------|---|

MECHANICAL DRAWINGS



Blue PUCK ID

PUCK HOLDER