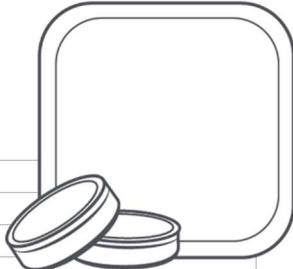
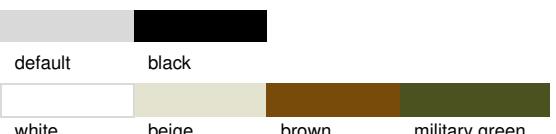


Technical Specification Bluetooth Beacon

Dimensions and weight	<i>Length</i>	64 mm				
	<i>Width</i>	58 mm				
	<i>Height</i>	35 mm				
	<i>Weight</i>	100 g				
Microcontroller	Nordic Semiconductor nRF51822					
Connectivity	<i>Bluetooth</i>	Bluetooth 4.2 compliant, Bluetooth 5 ready				
	<i>Range</i>	up to 70 meters				
	<i>Available transmission power levels</i>	0 (-30dBm), 1 (-20dBm), 2 (-16dBm), 3 (-12dBm), 4 (-8dBm), 5 (-4dBm), 6 (0dBm), 7 (4dBm)				
	<i>Sensitivity</i>	-93dBm				
Battery and Power	Two CR2477 Lithium Manganese Dioxide Coin Battery with capacity of 1000 mAh each - battery powered device lifetime up to 60 months (Batteries are replaceable)					
Sensors	Temperature (Accelerometer STMicroelectronics LIS2DH)					
Casing	<i>Colours</i>					
	<i>Custom Colours</i>					
	<i>Protection</i>	IP65				
	<i>Splashproof</i>	Yes				
	<i>Dustproof</i>	Yes				
	<i>Customisation</i>	logo printed on front and casing's colour				
	<i>Fire class</i>	UL 94 HB				
	<i>Antibacterial Surface</i>	Upon request				
Environmental Requirements	<i>Operating temperature</i>	-20°C / + 60°C				
	<i>Storage temperature</i>	-5°C / +35°C				
	<i>Humidity (non-condensing)</i>	from 0% up to 95%				
Warranty	12 months					
Beacon standards compatibility*	<i>iBeacon</i>	Yes				
	<i>Eddystone</i>	Yes				

* All packets can be enabled and disabled at any time, except Kontakt.io Secure Profile (it's constantly broadcasted at a fixed 1000ms interval)

Battery life*

<i>Tx Power / Interval (ms)</i>	<i>Tx=3 (-12 dbm)</i>	<i>Tx=7</i>
1000 ms	87 months	61 months
800 ms	79 months	56 months
500 ms	62 months	44 months
350 ms	50 months	35 months

*Estimated battery life at the room temperature.