



CROWNSTONE

Property	Specification
Switching Devices	Up to 16A (domestic use)
Dimming lights	LEDs (certain types) on 110V/240V or incandescent light bulbs
Measuring	Both current and voltage, up to a frequency of 2kHz
Overview	Energy usage per minute, hour, day, week, month, or year
Timer function	Timer functionality and wake-up light functionality
Communication	Bluetooth Low Energy (BLE) 4.0 and up
Tracks	BLE smartphones, smartwatches, fitness bands, iBeacons
Tracking accuracy	1.5-4.0 meter
Maximum range	20-70 meter
Proximity detection	Requires 1 particular Crownstone "in sight"
Room-level presence detection	Requires 4 Crownstones in sight (not necessarily per room)
Network	Mesh network connects Crownstone-to-Crownstone
Chipset	Nordic nRF52832, 64 kB RAM, 512 kB FLASH
Beacon function	iBeacon (Eddystone/AltBeacon on request)
Soft-fuse function	Limit extreme currents or switch off with unexpected behavior
Temperature function	Switch off with extreme temperatures
Built-in Crownstone physics	56x41x13mm (LxWxH), 40 gram
Crownstone plug physics	Round, fits in sockets of type C, E, and F, 80 gram
Open-source	Open-source software (https://github.com/crownstone)
Mobile phones supported	iOS and Android
Hub	Not required. Any tablet or smartphone can be used.
Battery	Not required!
Variant: plug	https://shop.crownstone.rocks/products/crownstone-plugs
Variant: built-in	https://shop.crownstone.rocks/products/built-in-crownstone