THORN

# UrbaSens Connect

## An outdoor lighting control system that allows remote management of the entire lighting infrastructure of a municipality

- Lighting Control: Switching and dimming individually on a weekly calendar. Based on time, astronomic clock, ambient light or motion sensor
- System monitoring: Web based user interface. Collecting data from the system (lamps, drivers, controllers). Failure identification. Energy calculation. Sensor information.
- Energy and CO2 saving: Energy saving up to 75% compared to luminaires without control functions
- UrbaSens CITY CONNECT: Wireless mesh system up to 200 light points per gateway with motion information shared within the network allowing "group" and "train-of-light"
- UrbaSens CIVIC CONNECT: M2M Network System (NB-IOT/LTE CAT-M1) for direct connectivity of each light points. NightTune ready. In-built GNSS

*Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.*

## Ordering Guide

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|---|---|---|---|---|
| **UrbaSens City connect** | | | | |
| RF-Controller E | | | 0,35 | 96628009 |
| RF-Controller PIR E | | | 0,2 | 96628011 |
| RF-Gateway SIMC ETH E | | | 2,15 | 96628013 |
| RF-Controller ZG M | | | 0,15 | 96632785 |
| | | | | |
| **UrbaSens Civic connect** | | | | |
| RF-Controller ZG SIM 10y PR166203 | | | 0,1 | 96635511 |
| | | | | |
| **UrbaSens CMS** | | | | |
| CMS  Lifetime Usage per Node | | | 0,2 | 96636205 |
| | | | | |
| **UrbaSens Detect** | | | | |
| Sensor TypeB ZG18 PIR | | | 0,08 | 22171802 |