C2 SmartLight® Pocket-Size Control Centre

C2 SmartLight® Pocket-Size Control Centre is a "turn-key" solution for customer specific needs in lighting control. "Since beginning of summer city of Raisio has been conducting a pilot implementation of Pocket-Size Control Centre for light control of lanes. The solution allows us to ensure equal lighting control and meet energy saving objectives." - says Antti Hämäläinen, engineer of Raisio city.

Usually electricity is supplied from one streetlight cabinet to light main streets and lanes. In this case, it is impossible to shut lights down of lanes, but turn lights off totally on the entire street. If you want to turn off all lanes' lights or partly, but keep main street lights lit. Then solution is to install C2 SmartLight® Pocket-Size Control Centre at cross section of the street.

Typical applications of Pocket-Size Control Centre include separation of particular area from the rest of street lighting, such areas can be sport areas and playgrounds, car parks, hockey rinks and parks. The lighting network can be divided into desired control area without telecommunication costs by means of Pocket-Size Control Centre.

Characteristics of C2 SmartLight® Pocket-Size Control Centre

Programmability

- Evening switch on and morning shut down according to time or actual light measured value (lx) or internal astronomical clock of device.
- Different daily time profiles for lights switch on/off at night at specific area.
- Dimming of all lights at specific area by 1-10V DC control signal.

- Control over contactors, two contactors.
- Two (2) control relays allow you to control turn off of area's sections.
- Monitoring of contactor status.
- Protection class of the box with lamp fuses is IP65.

Management

- Remote management and monitoring is done via internet browser.

Wireless control without telecommunication costs

- Telecommunication via ZigBee protocol from base station at lighting centre to controller.
- Free 2,4GHz operating frequency of radio traffic.
- All data communication is encrypted.
- Correct time is automatically received from base station.