

COMMUNICATING MOTION DETECTION SYSTEM



Since 2007, Novéa has always integrated the motion detection function into its solar lighting solutions in order to optimise the dimensioning of the components and their lifetime.

With this new NOVMOOV module, Novéa offers a wireless communicating solution that allows one or more groups of street lamps to be switched on simultaneously in full power.

Advantages

- **Optimum lighting** adapted only to the user's needs
- **Secure function**
- **Limit light pollution**
- **Substantial energy savings** when there is no user
- **Reduced cost of solar street lamp** thanks to more reasonable sizing of solar panels and batteries
- **Increased autonomy of the street light**
- **Environmental protection** thanks to an approach aiming to sustainability and resources' savings



Savings



Comfort and safety



Environmentally
friendly

An innovative solution

NOVMOOV is a local wireless communication system between luminaires to adapt lighting.

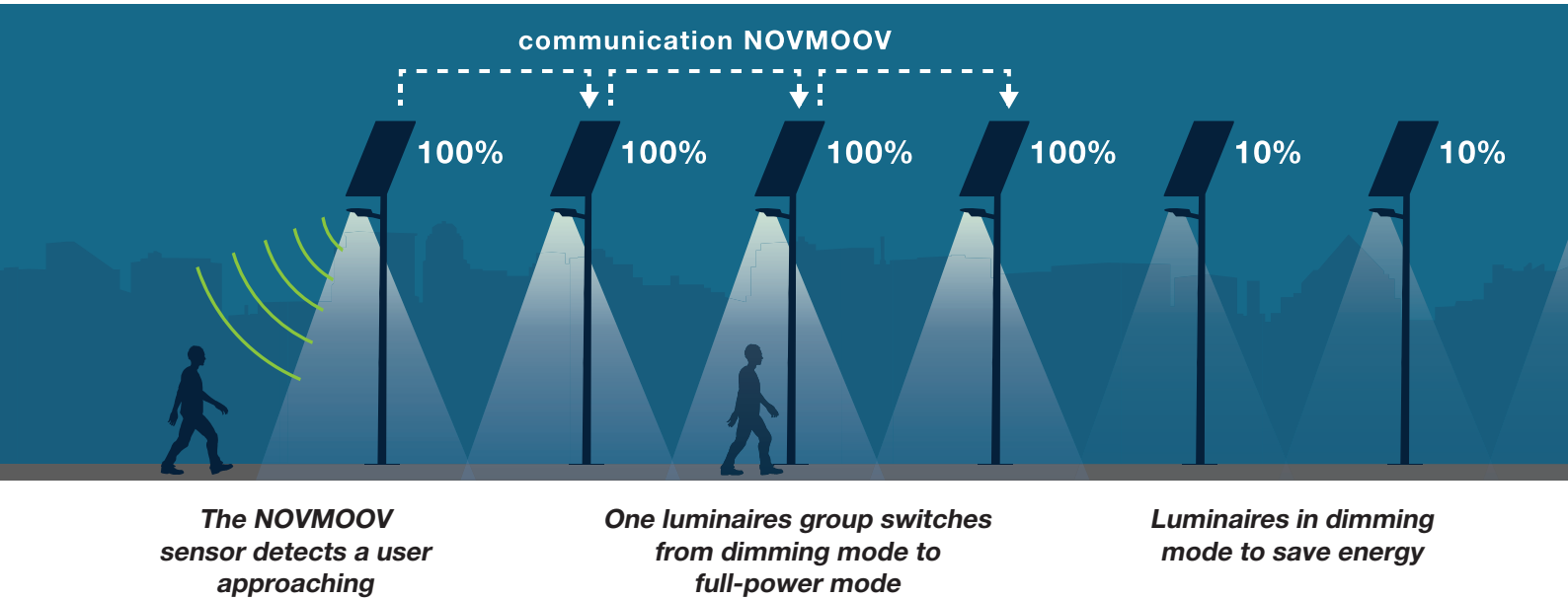
Luminaires are operating in dimming mode to ensure markup.

When a user is approaching, the NOVMOOV motion sensor switches instantaneously on full power lighting for a group of luminaires.

On the same project, several lighting groups can be managed.

A luminaire can be part of several groups.

Example of communicating lighting between street lights.



Main characteristics

360° maximum detection area (120° per sensor, up to 3 sensors per street lamp).

The NOVMOOV sensors are perfectly waterproof (IP66) to resist external constraints.

The communicating module NOVMOOV is discreetly integrated on the top of the solar panel.

NOVMOOV motion sensors use infrared technology. This technology consists of analysing the movements and the heat.

360° maximum detection area

