

Innolumis residential lighting



Improve safety and visibility with Innolumis lighting. Our LED luminaires produce an optimized light spectrum and provide large energy savings up to 80%, outstanding visibility and no light pollution. We guarantee that our lighting is sustainable with a service life of 80.000 hours. The maintenance required is only cleaning. The luminaires can be installed on existing poles and the light output is easily dimmable.

Application for residential areas

The needs of residents, local authorities and developers are complex where lighting in residential areas is concerned. The street lighting must be safe, and also provide a pleasant ambience. The front door must be well lit, but not the bedroom window. To achieve this, the lighting designer must be able to choose the best possible luminaires for each specific situation. Recently, energy savings and sustainability also are important criteria. Innolumis lighting offers low energy, safe, comfortable and above all sustainable lighting for residential areas.



Reference location: Wolvega - Lindewijk, the Netherlands

The new Lindewijk residential area in Wolvega was equipped with 82 Innolumis luminaires in January 2009, making it one of the first residential neighbourhoods in the Netherlands with LED lighting. The alderman made a strong case for sustainable lighting and organised a public tender procedure which Innolumis won. Now, the streets are illuminated from door to door using only 8 watt and 16 watt luminaires. By choosing Innolumis, the Wolvega local authority has chosen to play a leading role in innovative street lighting and energy saving.



“We now have both: attractive light and a substantial saving on energy consumption. The power of the lamps used is considerably lower than for conventional lighting, and this is immediately visible on our energy bill. The residents are very happy with the situation. Their comments on the ambience, visibility and colour recognition were favourable.”

-Bram Turkenburg, Wolvega local authority

- ✓ energy saving
- ✓ cost reduction
- ✓ sustainable
- ✓ no light pollution
- ✓ retrofit product
- ✓ low maintenance



Wolvega, Lindewijk, the Netherlands

Column height:	6 meters
Former lighting	no, new built
Innolumis lighting	8 and 16 watt
Energy saving	70%
Estimated payback time	5 years (compared to alternative)

Innolumis luminaires

Innolumis luminaires are available in different powers and light yields. The light sources are pure LEDs without phosphors. These characteristics give our luminaires a lifetime of 20 years, after which the lumen capacity remains at least 70%. The optical properties ensure a uniform distribution of light and reduce light pollution to a minimum. Photometric data for design, advice and evaluation are available for all models.



www.innolumis.com

Technical data

Approvals	CE, RoHS
Nominal voltage	230 V 50 Hz AC or 24 V DC
Available powers	8 watt to 56 watt
Dimmable	yes
Temperature range	-20°C to +50°C
IP class	66
Lifetime	80.000 hours (20 years)
Retrofit	yes