

Innolumis road 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 roads

Increase the traffic safety of your road network using Innolumis. We offer an energy saving, sustainable and financially attractive alternative for conventional lighting. Innolumis lighting provides excellent visibility and avoids light pollution to other areas than the road. Besides these advantages, the little maintenance required also means a great benefit for the public lighting manager because the burden of road works is reduced substantially.



Reference location: Trunk road Olst-Wijhe, the Netherlands

The lighting along the N337 trunk road between the municipalities of Olst and Wijhe is shared by the municipalities and the province. All parties have an active energy and sustainability policy to reduce the carbon dioxide emissions and expand the share of sustainable energy solutions. For the trunk road, the lighting obviously needed to be energy saving and sustainable but also reducing costs substantially.



“All parties were looking for an innovative solution and Innolumis met all our requirements. Furthermore, the Innolumis lighting does not have a halo that is visible from a considerable distance, while this is very much in evidence for conventional lighting. Now dark is really dark, which is exactly what our clients want.”

- Jacqueliën Kok, consultant for the municipalities, IP Lighting.

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

“Innolumis lighting fits in with our wishes. It is practically maintenance free which is a considerable advantage. Maintenance is labour-intensive and expensive. As well as a hydraulic platform, a special vehicle is needed to guarantee the safety of the workers. After the lighting had been installed, a survey of road users and local residents was held and 73 percent considered the lighting to be adequate and safe. The user acceptance is high and we are very satisfied.”

- Puck van Liere, Province of Overijssel Public Lighting Manager



Olst-Wijhe N337, the Netherlands

Column height:	8 meters
Former lighting	90 watt High Pressure Sodium
Innolumis lighting	36 watt
Energy saving	60%
Estimated payback time	4 years

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