

Innolumis car park 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 car parks

Innolumis lighting is very suitable for car park lighting. Our lighting provides excellent visibility and good colour recognition so that pedestrians and drivers feel safe and visitors can find their cars quickly. Furthermore, the light enables accurate camera surveillance. The well-defined uniform illumination of the surface prevents light nuisance in surrounding areas, which is often a burden of car park lighting. This means that Innolumis lighting offers low energy, comfortable and above all sustainable lighting for car parks.



Reference location: Amsterdam Airport Schiphol, the Netherlands

Amsterdam Airport Schiphol is one of the world's busiest airports. Schiphol made reducing energy consumption one of its key policy areas. This is prompted not only by its own wishes, but also by pressure from the government. Annual agreements specify the amount by which Schiphol's energy consumption must be cut. Schiphol has a sustainability policy to check all possible options to introduce sustainable products and services.



The lighting at Schiphol's car parks is one of the areas for achieving the reduction of energy consumption. Like every large airport, Schiphol has massive parking areas which should all be safely lit and have camera surveillance. Schiphol chose Innolumis lighting to illuminate part of their parking area used by Schiphol's own and airline personnel and to have proper camera surveillance.

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

"Innolumis lighting is currently being used on our parking area. The results are positive. Innolumis lighting replaces commonly used high pressure sodium lamps. Stewardesses feel safer, reduction in energy consumption is about 50% and there is no light pollution from that area."

-Frans Meijer, technical services lighting manager at Schiphol Airport.



Amsterdam Airport Schiphol, the Netherlands

Column height	7 meters
Former lighting	70 watt High Pressure Sodium
Innolumis lighting	36 watt
Energy saving	50%
Estimated payback time	5 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