

## Schiphol to install LED lighting along all its runways

*Energy savings of 70%*

### Press release

Schiphol, 15 July 2013

Over the next few years, Amsterdam Airport Schiphol is going to replace all signs along its runways by new ones that are provided with LED lighting. The signs, currently illuminated using halogen lamps, are situated in the landing area to inform pilots about locations, routes, runway numbers and airport traffic rules. The replacement by LED lighting will reduce energy consumption by 70%.

#### **Runway 18C-36C (Zwanenburgbaan)**

In total, thousands of signs in the landing area are to be replaced in the years to come. The one hundred signs along Runway 18C-36C have already been replaced; those along the other runways will follow suit over the next few years. The replacement operations are scheduled to coincide with periods in which the runway is out of operation due to major maintenance work.

#### **Saving energy**

The signs, which are one metre high and four to five metres wide, are illuminated permanently in accordance with safety regulations. The standard practice has been to use halogen lamps for this purpose, which last about one year. LED lamps have a service life of approximately ten years and use 70% less energy than halogen lighting.

#### **Reuse of old signs**

The material of the old signs will be recycled where possible. For example, the electric switches will be removed, repaired where necessary and reused. Usable materials such as plastics, aluminium and copper will be separated and reused as well.

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