

Petrol PLAZA

Efficiency & clean light lead the way



Project Name: Total Gas Stations

Location: Leiderdorp, the Netherlands

Client: Tokheim Netherlands

Date Completed: July 2012

LSG Products Used:

- Canopy: 125W Flat LowBay under canopy (incl. R-Linc)
- Parking: RoadWay 50W & 75W
- Carwash and Wash boxes: 125W Flat LowBay
- Shop & Rest rooms: Ambianz & Ambianz HP, Petro-Lite

Mrs. S. Jongeneel - Owner Total Gas Station, the Netherlands:

"We are completely satisfied with the chosen LED lighting from Lighting Science for our gas station. The light color is very bright and appealing, especially at night. The lighting is connected to motion sensors improving efficiency and more importantly providing security to our customers and employees. We are pleased to reduce energy costs and help to save the planet!"

Enhanced visibility and safety while saving up to 80% in energy costs!

Good visibility, a welcoming and safe ambiance, clearly illuminated forecourt, parking and restaurant/shop while significantly saving on energy costs. This is what Lighting Science can offer petrol station owners. One of the Total sites in the Netherlands, is an newly constructed full service gas station including a shop, ice vendor, car - and even dog - wash. LSG teamed up with Tokheim for the install of the Flat LowBay under Canopies, RoadWays in the parking area, European recessed downlights for the shop and rest rooms, and Flat LowBays which illuminate the Carwash and Wash Boxes.

The Flat LowBay fixture combines high light output with low energy consumption and the best Lm/W performance of >100 Lm/W, and has the best optical performance on horizontal and vertical planes. Fuel dispenser, brands names on columns, cars and people need to be clearly visible, and gives visitors a safe feeling.


The R-Linc module (Remote Lighting Intelligent Network Control) is a plug & play concept featured with Flat LowBay 75W and 125W, and makes each fixture part of a wireless self-organizing and ad-hoc network for more safety on site, extra reduced energy costs and improved customer satisfaction. This Total gas station uses the module for twilight dimming, presence detection and alarm modus. The Flat LowBay fixtures will dim during night hours and turn on 100% light modus when presence is detected.

Lighting Science Group's offers LED fixtures which improve the environment and petrol station's bottom line by delivering **up to 80% energy savings** over traditional lighting technology. The ultra-efficient LED fixtures have outstanding light quality, a very long life span, and thus low maintenance costs.

Contact information



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