

**PHILIPS**

Lighting

Tunnels

Çamlıca Tunnel, Turkey

TÜNELLER KAMERA SİSTEMİYLE  
24 SAAT İZLENMEKTEDİR

TÜNELDE HIZ YAPMAK YASAKTIR.  
HIZ SINIRI 20 KM/H'DİR.

# Lighting the way

LED tunnel lighting improves driver safety

## Background

The Çamlica Tunnel – a 3,680-meter long tunnel connecting Çamlica and Libadiya – was opened in 2019 to reduce traffic congestion on the roads of Istanbul, Turkey's busiest and most populated city. The Istanbul Metropolitan Municipality needed a reliable lighting solution, one which would keep drivers safe and comfortable, while allowing maintenance work to be carried out quickly without disruption to traffic.



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**Philips TubePoint**  
**hugely simplifies the**  
**entire process** of  
selecting, installing and  
commissioning tunnel  
luminaires.”

## The project

Philips Lighting worked closely with the local authorities to install and implement a solution that would improve safety, cost-effectiveness and energy efficiency. We installed 1,500 Philips TubePoint luminaires along the inside of the tunnel, stretching the entire length of the motorway.

## The right lighting

Philips TubePoint is specifically designed for lighting tunnels as it emits a high-quality light without dazzling drivers. Excellent optics means the light goes further, so fewer luminaires are needed for great visibility. And by installing LEDs, city planners benefited from high-efficiency and a high quality of light. Drivers enjoy a comfortable journey, and the local authorities make steps towards a more sustainable future.



## The best fit

Philips TubePoint is not just the perfect choice for tunnels because of its light output, it's also extremely easy to install and maintain. The lifespan of an LED is also much longer than a high pressure sodium lamp – and if there is a problem, they can be replaced quickly without causing traffic delays. With the Philips TubePoint, you get:

- Flexible mounting
- Quick opening
- Different connection and connector options

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Philips TubePoint  
**makes assembly and  
installation easy.”**



