

**PHILIPS**



Outdoor lighting

Architecture and Landscape

Case Study  
Master plan  
transforms Turkey's  
capital, harmonizing  
historical and modern  
architectures

Ankara, Turkey



Kocatepe Mosque

**Customer**  
Ankara Metropolitan Municipality

**Location**  
Ankara, Turkey

**Contractor**  
UVA Lighting & Engineering and TUNA engineering

**Lighting design**  
UVA Lighting & Engineering and Philips



Ankara Courthouse



Architecture & Landscape



Kocatepe Mosque



Ankara Courthouse

## Background

Ankara is transforming selected areas of the city with a lighting master plan so that they become warm, elegant and comfortable places to visit by night, and attract people to visit them again. Ankara's wide variety of architectural styles, seen in governmental buildings, mosques, hospital and social center façades, makes this a challenging task, and the master plan also has to include architectural façade and landscape lighting as well as functional road and underpass lighting.



Ataturk Boulevard

## The Project

The lighting design is considered as an overall concept for the 21 sites part of this master plan, while respecting each individual structure's own image and needs.

One of the most important considerations was the need to respect the city's general ambience at night. For this reason, most of the structures are illuminated using intelligent white technology that uses color temperatures from 2700K-6500K to combine warm, neutral and cold

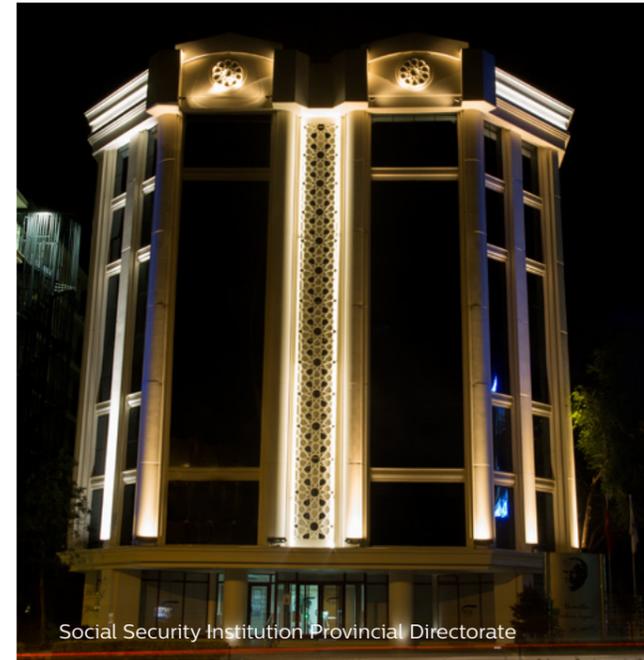
tunes of white light depending on the architectural details.

As well as intelligent white technology, colored (RGB) solutions were used for a few carefully selected sites to reveal their attractiveness, for example the North Ankara Amphitheatre and the Ataturk Boulevard.

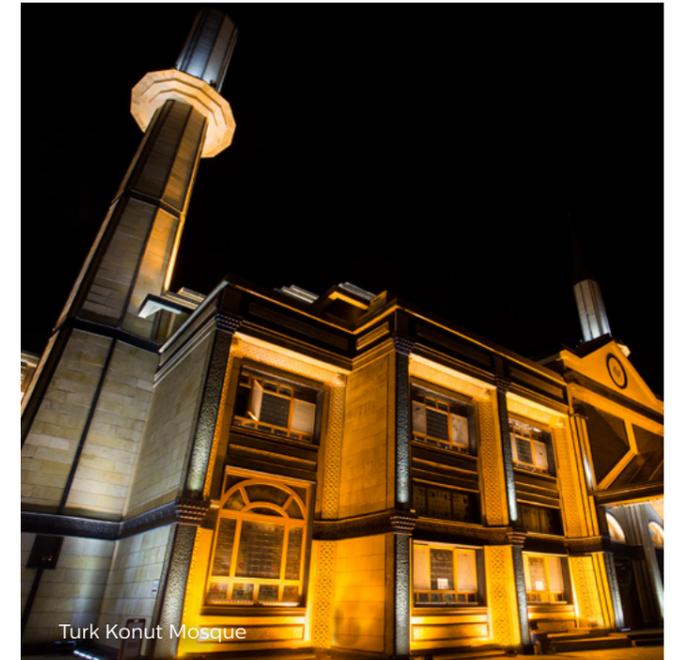
The lighting for roads, underpasses, buildings and landscape areas in line with the master plan will continue in the next stage.



Social Security Institution Provincial Directorate



Social Security Institution Provincial Directorate



Turk Konut Mosque

## Benefits

The 21 projects completed under the master plan have had positive effects on Ankara's residents and visitors. It is understood from the comments made by the authorities of the relevant municipalities and the public that the project has achieved its goal by creating areas that feel more secure and safe, dynamic and attractive, and provide greater visual comfort at night for the people living in the city.

Revealing existing, newly-built or renovated buildings in various zones of the city at the night hours has brought the city a new, more modern skyline at night. Previously, several public buildings were dark and disconnected from the city. The new lighting design

has made each one of them an icon within its own zone, as well as integrating them into the lighting concept of the city. For example, the North Ankara Amphitheater, which is located next to the highway between the airport and the city center, displays itself as an event center, and also gives the visitors of the city a warm welcome, with modern lighting design that changes colors dynamically,

As a result of its considerable investment in the design and application of new lighting, Ankara, the capital of Turkey, has gained a new face properly reflecting its status as a Capital by providing its buildings with new identities, and its residents with more energy-efficient and safer roads, and more beautiful landscape areas.



North Ankara Amphitheater

