

CASE STUDY GREECE THESSALONIKI AIRPORT



PROJECT KEY FACTS

Airport: Thessaloniki International Airport

Location: Greece

Application: The 3rd busiest international airport in Greece

Solution: Solar LED Runway Lighting System

Products: Solar Runway Lights, Solar Threshold End Lights, UR-201 Control & Monitoring Unit, ALCMS Basic Control & Monitoring System

Buyer: Fraport

Year of Installation: 2017

OVERVIEW

Thessaloniki Airport (officially Thessaloniki Airport "Makedonia") is the third largest international airport in Greece operated by Fraport. The airport has two runways equipped with ILS navigation systems.

Few years ago Greek government launched the upgrade program for Thessaloniki and few other airports and handed it over to Fraport Greece. For Thessaloniki, the project included extension of Runway 10-28 with the additional modernization of runway 16-34.

CHALLENGE

Despite the fact that both runways have been closed for reconstruction, the airport still had to continue flight operations: there are no similar airports nearby where flight operations from Makedonia Airport could be transferred to.

Fraport started looking for temporary runway lighting with strict requirements:

- certified and compliant with ICAO regulations
- AGL system should operate nonstop 24/7
- Delivery within a month – which is extremely short period for implementation of such project

SOLUTION

S4GA offered solar LED runway lighting system which fully met Fraport's requirements:

- S4GA solar AGL is compliant with ICAO Annex 14 and certified by Intertek
- It operates 365 days on solar energy
- S4GA ALCMS – Airfield Lighting Control and Monitoring System – allows control of solar runway lighting from Airport Tower
- the Company managed to manufacture and deliver the system within one month.

