

# CASE STUDY THAILAND MAE HONG SON AIRPORT

## PROJECT KEY FACTS

**Airport:** Mae Hong Son

**Location:** Thailand

**Application:** Regional Airport

**Runway:** 3 049 m

**Products:** LED PAPI powered by 6.6 Amp

**Buyer:** Department of Airports in Thailand

**Year of Installation:** 2022



## OVERVIEW

The Department of Airports in Thailand, operating under the Ministry of Transport, assigned S4GA the task of enhancing the PAPI System at one of their regional airports, Mae Hong Son Airport. The DoA sought a PAPI System that was both dependable and easy to maintain, powered by a 6.6 Amp electrical grid.

## MAE HONG SON AIRPORT PAPI UPGRADE

Mae Hong Son, located in the north-western region of Thailand, is a civil airport serving a small province. While it has a permanent runway lighting and halogen precision approach path indicators, its PAPI system necessitated a comprehensive overhaul.

The DoA Management chose to invest in a new LED PAPI. Their primary objective was to find a solution that was simultaneously reliable, cost-effective, and demanded minimal maintenance.

## S4GA LED PAPI – SIMPLE DESIGN & LOW MAINTENANCE

Simplicity of design was an important factor for the Customer to choose S4GA. Another required aspect was an ability to have maintenance performed by local technical staff only familiar with halogen PAPI before.

All things considered, S4GA LED PAPI, powered by a 6.6 Amp electrical grid, was found to be the best solution addressing all customer requirements:

- Fast installation
- Simple design
- Easy maintenance performed by local technical staff
- Remote control from the ATC Tower

S4GA LED PAPI Lights are equipped with TILT sensors as one of the requirements provided by DoA. Airport personnel can also monitor the PAPI "health": the lights send feedback information to Tower using a communication cable.

S4GA LED PAPI as well as other airfield lighting products are fully compliant with ICAO, FAA, EASA, CASA requirements and certified by accredited laboratories.

Moreover, S4GA's LED PAPI Lights offer the higher level of illumination compared to products from competitors. This feature allows for an extra safety margin for airports located in areas where adverse weather conditions may appear and disturb operations.



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## S4GA PRODUCTS



S4GA LED PAPI  
POWERED BY 6.6 AMP

## APPLICATION PHOTOS

