MARCO POLO AIRPORT:
NEW LIGHTS ON THE DOGE'S CITY AIRPORT

LEDMASTER ONE, LEDMASTER 3

MARCO POLO AIRPORT

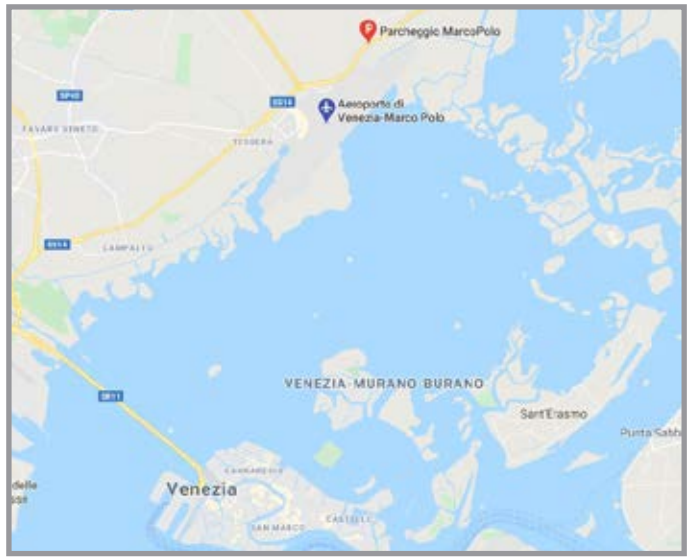
Venice, Italy

Overlooking the lagoon, the Marco Polo in Venice, according to the Best Airport 2019 classification, is the first airport in Italy. Millions of passengers land here with the major airlines that operate national and intercontinental flights, including direct ones.

This praise result is directly connected to the infrastructure development program envisaged by the Master Plan 2012 – 2021. The integrated approach has been adopted by the Management Company for the design of the expansion and redevelopment of the terminal which will allow the airport to accommodate an ever increasing number of passengers. Better architectural quality, greater benefits in the construction phase and a more performing collaboration between the various subjects involved, are just some of the advantages found in the BIM process that will lead to the tripling of the passenger terminal surface by the end of the next decade.

In carrying out its institutional role, the ENAC supervises the execution of the interventions and supports the managers in the design verifying that the works fully meet the aviation safety requirements and, at the same time, offer passengers a comfortable and valuable environment from an architectural point of view.

Fael LUCE team, thanks to the several years of experience in lighting industry, suggested **the newest high power LEDMASTER ONE and LEDMASTER 3 floodlights** to light up the outdoor plane parking and maneuvering areas.



THE TECHNICAL SOLUTION

In this scenario, the lighting system plays a key role in the developing plan. Fael LUCE team, thanks to the several years of experience in lighting industry, suggested the newest high power LEDMASTER ONE and LEDMASTER 3 floodlights to light up the outdoor plane parking and maneuvering areas. The studies of specific asymmetric optics allowed to reach significant results and high luminous efficiency combined with elevated uniformity, that leads to obtain large energy savings, in compliance with requirements of protection against light pollution.

It is a very particular installation due to the height of the masts, even taller than 30 meters, that has seen the design and implementation of special stainless steel brackets to accomplish the marine grade specifications and resist saline mists.

The great power and number of Lux on the ground offered by the LEDMASTER ONE and LEDMASTER 3 floodlight, both in the asymmetric and symmetric versions, were a key factor in the development of the entire lighting project.

Floodlights type: **LEDMASTER ONE, LEDMASTER 3**