



OMNIFLOW LIGHTING

ANA remains committed in finding solutions to decarbonize airport activity, not only through integrating Innovation and Environment (reduction of energy consumption), but also by investing in renewable energies (energy sustainability).

With these objectives in mind, a pilot project is underway at Humberto Delgado Airport to replace public lighting with omniflow systems at Departures area - Kiss & Fly Park (pickup and drop off of passengers).

The installed lighting poles integrate LED technology and include the following features:

- Power generation through a solar and wind hybrid system;
- Energy storage in integrated batteries.
- 30 LED lighting at 360° with a maximum power of 90W.
- Omniflow online lighting management system.

The units installed on September 20th have already produced 26kWh of solar and wind energy for self-consumption, allowing consumption to be reduced by more than 90% compared to traditional lighting, which contributes to the fulfillment of the company's ambitious environmental goals.

This project aims to evaluate and validate the benefits of the solution for later extension to other areas.

