

London City Airport (LYC)



Officially opened in 1987 by HRH Queen Elizabeth II, LYC is London's fifth-busiest airport – behind Heathrow, Gatwick, Stansted, and Luton. It's also the 14th-busiest airport in the UK. Because it's close to both Canary Wharf and the City of London, the twin centres of London's financial industry, in its early days it mainly catered to business travellers. However, the number of leisure destinations, such as Malaga, has increased in recent years.

LYC is the first UK airport to have relocated its air traffic control centre off-site – with the control tower situated 130km away.

The challenge

Over the last few years, LYC has been going through a transformation of its passenger experience – by improving and expanding the terminal building. As part of this project, they also decided to renew the building mounted apron lighting to take advantage of new developments in LED technology. They asked us to develop a solution that maximised the lighting on the PIPO Apron and under aircraft wings. But it had to minimise glare for pilots at the same time.

At a glance

Sector: Aviation
Customer: LYC
Number of passengers: 4,500,000
Runways: 1
Stands: 125
Aircraft movements: 307,736
Project date: 2014

LED floodlights installed: 37
Type: Titan Series
Lux average values: 25 Lux



Our solution

The Titan Series, our flagship line, with its unique and proprietary optic system was perfect for the job. Titan 320 lighting was installed with minimum tilting at 8m height on the terminal building. Job done! The result? Both ground staff and pilots have reported that the lighting levels have improved significantly – and the glare levels have declined greatly.

Product used at LCY: Titan Series

- Highly asymmetric floodlight providing an excellent solution for low glare applications.
- Proprietary optics deliver maximum light levels on designated areas.
- Designed for maximum heat management.
- Manufactured to survive the harshest of environments, whilst delivering high performance and long life.
- The go-to product for many of our aviation and maritime clients for years.