

Dubai Airport - Case Study



About Dubai Airport

Dubai Airport serves more than 66 million people a year, flying them to over 260 destinations across 6 continents on more than 140 scheduled airlines. With this projected to approach 100 million by the end of the decade, Dubai International is a dynamic and fast-growing airport that truly connects the world.

Background

Dubai Airport, already the world's busiest airport in terms of passenger numbers, is undergoing significant development to deliver their ambitious 2020 expansion plans. Dubai Airport has specified Bright Green Beam™ for new and refurbished signage throughout the airport.

“ We are proud of our involvement in the project at Dubai Airport. For us, airports are an important sector and a key area of growth thanks to the forecast future increase in passenger air traffic. ”

Andy Clark
CEO
Bright Green Technology



Dubai Airports
Connecting the World

○ BRIGHTER

○ GREENER

○ SMARTER

To find out more please contact one of our specialists
Tel +44 (0) 1932 355221 info@brightgreentechnology.com
www.brightgreentechnology.com

Bright Green Technology is a registered trademark © 2015 Bright Green Technology Limited

bright green
technology

Smarter Lighting | Reliably Delivered

Project overview and financial modelling

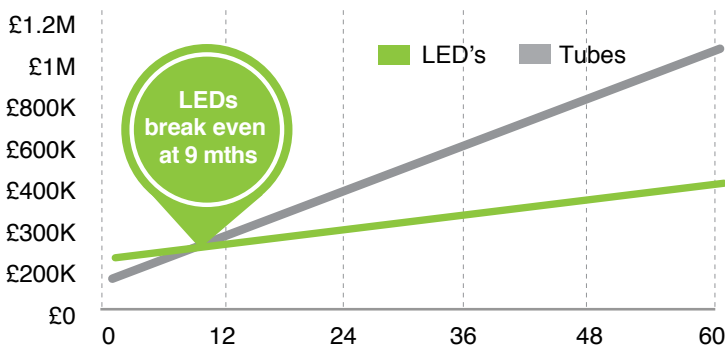
So far the Dubai Airport project has seen our LED system installed into all of the signs in Terminal 3, the exclusive Emirates terminal. By completion of the project we will have supplied lighting for all of the wayfinding in every terminal throughout the airport.

Return on investment

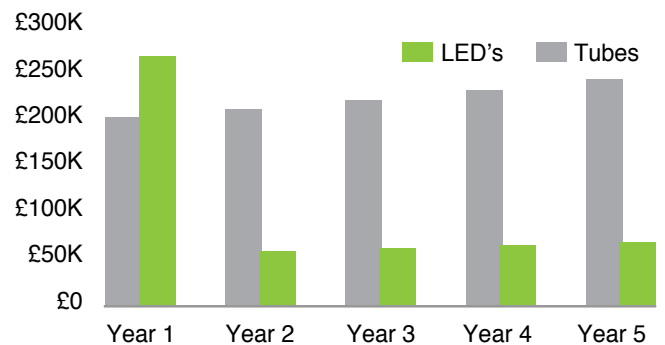
	Tubes	LEDs
Power consumption	1,112 W	489 W
Energy cost per year	£108K	£46K
CO ² per year	555 Tonnes	247 Tonnes



Time to break even



LEDs annual cost saving



Supreme Council of Energy Dubai - Integrated Energy Strategy 2030

Dubai Airports Group is committed to running their airports in an environmentally sound and sustainable manner. As part of this initiative they continue to support The Supreme Council of Energy, in implementing the Dubai integrated energy strategy 2030 and reaching the industry's target of carbon neutral growth by 2020.

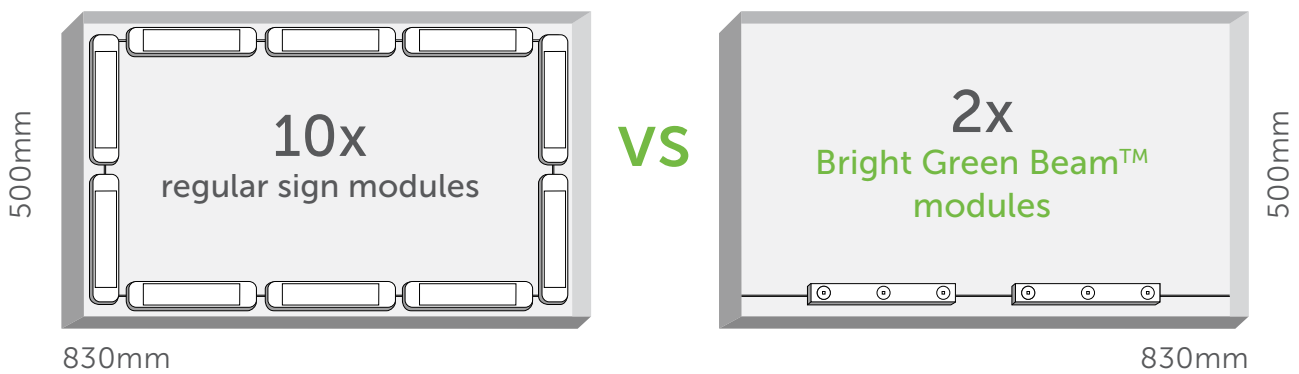
Bright Green Technology
LED Retrofit reduced carbon by
308 Tonnes per year



The LED system

Bright Green Beam™ has been specifically designed to be energy efficient, easy to install and 'no maintenance' compared to traditional fluorescent tube lighting, reflecting the needs of the busy, round-the-clock airport terminal.

It only takes **2 Bright Green Beam™** modules to do the same job as 10 regular LED sign modules, making your signs more efficient and easier to install.



Designed for slim signage, this edge lighting LED system has lensed LEDs to ensure even light diffusion. LEDs are set to a specific pitch and colour temperature, meaning the signs get the best and brightest illumination possible.

Specifying Bright Green Beam demonstrates Dubai Airports commitment to quality – the modules provide bright, even, illumination and the controlled LED binning ensure the signs look consistent throughout the terminal.



“ We have already worked with some of the biggest international airports in the world, including London Heathrow in the UK and we are now well-versed in the unique requirements of these valuable, 24 hour environments. ”

Andy Clark
CEO
Bright Green Technology

bright green.
technology

Smarter Lighting | Reliably Delivered



About Bright Green Technology

Bright Green Technology specialises in LED systems that dramatically improve the quality and performance of backlit media, illuminated signage, retail displays and architectural features.

We've worked in the most iconic locations for the biggest companies and won their trust for our product quality and customer support.



Our Approach

The intelligent answer to your LED requirement saves you time, money and energy. We are practical, hands-on people who understand both state-of-the-art lighting technology and the realities of your business. So while we provide all the products you need, we place equal emphasis on trusted advice and ongoing professional consultancy.

○ BRIGHTER ○ GREENER ○ SMARTER

To find out more please contact one of our specialists
Tel +44 (0) 1932 355221 info@brightgreentechnology.com
www.brightgreentechnology.com

bright green.
technology

Smarter Lighting | Reliably Delivered