

## BAA Aberdeen Airport Client: Raynesway Construction

To meet the future demands and provide increased security, BAA required their road layout and car park facilities to be customised. Health and Safety of the public was of the highest priority as well as protection of the environment.

### Project History:

Part of the scheme was to create a lighting, CCTV and car park egress/ingress car park arrangement design on behalf of BAA.

LED lighting was the perfect solution as it only runs at 45% of the load to a similar fitting which in turn delivers 55% energy savings. The new lights were also controlled to run at 50% output during periods of low passenger numbers, which would further reduce the energy consumption by as much as 15%.

The LED lighting enhances the environment for passengers and staff, saves energy and is virtually maintenance free.

### Services Provided:

- Electrical design validation
- Final design calculations
- Installation of 69 of 8mtr steel columns
- Installation of 4 CCTV and 2 access barrier gates
- NICEIC inspection and testing

**“.....the lighting quality was superb with good uniformity and almost perfect colour rendition.”**

BAA Project Manager

