

Building Type

Retail – Large Box

Size

32,000 m² with 2,100 m² restaurant

Project Highlights

- 3 x 600TR Central Plant with water cooled centrifugals.
- SCADA monitoring control
- 45,000 l/s ventilation fresh air pre-cooled by general extract
- 328,160 l/s supply air for ventilating G.F. car park & 218,400 l/s for first floor car park.
- Primary/Secondary chilled water pumping systems.
- 1,000 meals/hour capacity restaurant kitchen
- BMS for monitoring & control of building services & system.
- 2,500 gpm fire pumps with 570m³ fire water reserve.
- Fuel oil system with bulk storage, pump & piping with fill alarms.
- 800 m³ make up water for cooling towers, partially using recovered condensate.
- LED façade lighting
- LED luminaires
- 2000KVA standby generators

Architect / Client :

BSBG / Al-Futtaim Investment



As a repeat Client for Mario Associates, lessons learnt, incorporation to continuously improve the project delivery & building services, the bench marks established from Mario Associates design of Ikea, Dubai Festival City were raised higher for Ikea, Yas Island and higher still for the Ikea, Doha.

In terms of energy consumptions, water consumption, air conditioning energy required per m² of different areas, Ikea's goals for improvement are matched by Mario Associates continued improvements & design innovations incorporated.

Each Ikea project completion is followed by a exhaustive analysis & corrections (lesson learnt) documented with design goals & objectives bars, for specific KPI's, raised.

Mario is proud to be a partner & team member & has undertaken design of Ikea Cairo, after this and Ikea, Al-Ain thereafter.

