

Sheikh Zayed Mosque, Ajman:

An Outstanding Instance of Success Story of LED Luminaires

At the start of 2015 we were approached by the Awqaf Ajman to improve the lighting in the men's prayer hall of the Sheikh Zayed Mosque, Ajman, the main mosque of the Emirate.

After thorough inspection of the site and doing LUX measurements, we decided to replace the existing MH 150W lamps, whose actual consumption would reach as much as 180W with 120W LED corn lamps.

By a simulation, which was done by DiaLUX software, we showed to the management of Awqaf, that this would increase the existing illuminance level twice and will bring about 35%-40% savings in energy consumption.

The images below proved that we were right in our recommendations.



ILLUMINANCE LEVELS in LUX

Before

After

Lighting level: 200 LUX
مستوى الإضاءة : 200 LUX

335 LUX

Lighting Level: 131 LUX
مستوى الإضاءة : 131 LUX

339 LUX

lighting Level: 171.7 LUX
مستوى الإضاءة : 171.7 LUX

320 LUX



