Lighting of KCA's

Lighting plays a vital role in ensuring that the aesthetics of a space are optimally perceived and functionality is appropriately used. Poor lighting can make a person feel uncomfortable and reduce desire to stay in a place / be productive. Hence, lighting should be done with thought rather than by chance.

Factors to consider:

1. Type of Lighting Source. Choice CFL, MH, LED, FTL etc. While making choice for higher cost items like LED, consider excess capital investment v. electricity saving over a 3 year period.

2. Colour Temperature of Light Source
    a. Cool – 5500 to 6500 K (preferred in office 'working' areas)
    b. Intermediate: 3500 to 5200 K
    c. Warm: 2400 to 3100 K (generally gives more 'luxury hotel' feel)

3. Colour Rendering Index:
    a. CRI – 60 (colours appear 'dull'. Ok to use for non-KCAs (eg. Lift Lobby) if cost is significant lower than other options)
    b. CRI – 80 (colours render decently. Minimum standard for KCAs).
    c. CRI – 90 (colours render sharply. Valuable for area such as art gallery)

4. Average Illumination level (brightness in lux)
    a. Measured in Lux (ranges from 70 lux to 300 Lux or even higher)
    b. Generally 100 Lux to 200 Lux is the preferred range (lower brightness levels between 100-150 lux are used in more 'luxury spaces')

5. Approval on final lighting choice should be done by HOD-Design / HOC – Interior Design.

6. For spaces exceeding 5000 sq. ft., sample installation should be done to assess whether design parameters are appropriate.

7. This policy also applies to Company offices, Lift Lobbies and other public areas, in addition to KCA's.