

12 LIGHTING INSTALLATION

- 12.1 All lighting installations shall comply with the requirements of CIBSE (Chartered Institution of Building Services Engineers). The Developer shall consider the use of energy efficient lamps and fixtures.
- 12.2 Safety and emergency light fittings shall be installed in electrical switch rooms, operational area, entrances and escape routes, as per NFPA requirements or relevant British Standards and local codes.
- 12.3 The outdoor lighting luminance levels shall be in accordance with CIE (International Commission on Lighting). The lighting levels below are an indication of the minimum required lighting levels for different areas:
- o Roads Primary/Secondary: 2.0cd/m2/1.0cd/m2
  - o Outdoor areas: 25 Lux
  - o Stores/stairs: 150 Lux
  - o Lobbies: 200 Lux
  - o Offices: 500 Lux
  - o Industrial areas (requiring accuracy): 300 Lux
  - o Industrial areas (requiring extreme accuracy): 500 Lux
- 12.4 The outdoor lighting shall be designed to minimize the light pollution in the area. Outdoor lighting design shall be submitted to the Authority for approval. Specific requirements for the outdoor lighting shall be followed, as per the Authority requirements.