

For all Tables 26 to Table 27 following notes are to be considered:

- (1) 'DMA Roadway & Public Realm Lighting Specifications and Roadway Project Compliance Checklist Tables' comprise the strict standard for all values given within this Handbook.
- (2) Lighting classes are adopted to fit into the Abu Dhabi standards.
- (3) Lighting Class ME2 is to be adopted as per DMA Lighting Specifications either to 1.3 cd/m<sup>2</sup> or 1.5 cd/m<sup>2</sup>, this means either approximately 20 lux or 25 lux, see item (6).
- (4) Lighting Class ME4a is to be adopted as per DMA Lighting Specifications to 1.0 cd/m<sup>2</sup>, this means approximately 15 lux, see item (6).
- (5) DMA Lighting Specifications are not referring to 'S'-classes, the 'Surrounding Factor' for all areas near or beside streets should be approximately 0.5 (50%) of the relevant street illuminance, depending on the location. Outside cities a maximum width of the adjacent area is to be confirmed, to allow sustainable design. The designer must obtain approval by the client for all values used in the design.
- (6) Lighting calculations with results given as luminance values (cd/m<sup>2</sup>); as output of lighting calculation programs e.g. DIALux are only possible for straight standard streets, this is valid for all types of streets as per DMA Lighting Specifications. For all other areas, like conflict zones, curvy roads, pedestrian crossings, etc. the results out of the different calculation programs are given as illuminance values (Lux). Therefore the tables are sometimes fitted with approximate illuminance values to show correlation between luminance and illuminance values. These values are not to be understood as strictly correct mathematically, and are only applied for a better understanding of the relationship between the different units.