

Environmental zone:

E1 => Areas with intrinsically dark landscapes: National Parks, areas of outstanding natural beauty (where roads are usually unlit)

NOTE - E1 This area is not used in the Abu Dhabi Urban Street Design Manual.

E2 => Areas of 'low district brightness': outer urban and rural residential areas (where roads are lit to residential road standard)

NOTE - E2 This is to be seen equal to the terms 'Residential / Emirati Neighbourhood'.

E3 => Areas of 'middle district brightness': generally urban residential areas (where roads are lit to traffic route standard)

NOTE - E3 This is to be seen equal to the terms 'Residential / Emirati Neighbourhood' when mixed with some 'Commercial' areas.

E4 => Areas of 'high district brightness': generally, urban areas having mixed recreational and commercial land use with high night-time activity

NOTE - E4 This is to be seen equal to the terms 'Town', 'City', 'Commercial' and 'Industrial'.

Table 23
Environmental zones

Maximum vertical illuminance on windows, maximum luminous intensity for obtrusive luminaires and maximum building luminance produced by floodlighting, for four environmental zones (Table 24):

Environmental zones	Maximum vertical illuminance on windows (lx)		Maximum luminous intensity (cd)		Maximum building luminance (cd/m2)
	Before curfew	After curfew	Before curfew	After curfew	
E1	2	1	0	0	0
E2	5	1	50	0.5	5
E3	10	5	100	1.0	10
E4	25	10	100	2.5	25

Table 24
Environmental zones - levels illuminance and luminance.

NOTE 1 For Abu Dhabi "curfew" means 24:00hours unless stated otherwise in Estidama or other client's documentation.