

Table 16.1 Lighting classes for traffic routes

Road name	Road characteristic	Detailed description	ADT	Lighting class
Secondary distributor	Classified road (B or C road) and unclassified urban bus route, carrying local traffic with frontage access and frequent junctions	Rural areas (Environmental zones 1 or 2). These roads link larger villages and HGV generators to the strategic and main distributor network	< 7,000 7,000–15,000 > 15,000	ME4a ME3b ME3a
		Urban areas (Environmental zone 3). These roads have 30 mph speed limits and very high levels of pedestrian activity with some crossing facilities including zebra crossings. On-street parking is generally unrestricted except for safety reasons	< 7,000 7,000–15,000 > 15,000	ME3c ME3b ME2
Link road	Road linking the main and secondary distribution network with frontage access and frequent junctions	Rural areas (Environmental zones 1 or 2). These roads link smaller villages to the distributor network. They are of varying width and not always capable of carrying two-way traffic	Any	ME5
		Urban areas (Environmental zone 3). These roads are residential or industrial inter-connecting roads with 30 mph speed limits, random pedestrian movements and uncontrolled parking	Any	ME4b or S2
			Any with high pedestrian or cyclist traffic	S1

Table 16.2 Lighting recommendations for traffic routes

Lighting class	Minimum maintained average road surface luminance (cd/m ²)	Minimum overall luminance uniformity	Minimum longitudinal luminance uniformity for the carriageway	Maximum threshold increment (%) (note 1)	Minimum surround ratio (note 2)
ME1	2.0	0.40	0.70	10	0.50
ME2	1.5	0.40	0.70	10	0.50
ME3a	1.0	0.40	0.70	15	0.50
ME3b	1.0	0.40	0.60	15	0.50
ME3c	1.0	0.40	0.50	15	0.50
ME4a	0.75	0.40	0.60	15	0.50
ME4b	0.75	0.40	0.50	15	0.50
ME5	0.50	0.35	0.40	15	0.50