

# illuminating Engineering Society (IES) RP-8 Standard

Table 3. Lighting Design Criteria for Streets

STREET CLASSIFICATION	PEDESTRIAN AREA CLASSIFICATION	AVG. LUMINANCE $L_{avg}$ (cd/m <sup>2</sup> )	AVG. UNIFORMITY RATIO $L_{avg}/L_{min}$	MAX. UNIFORMITY RATIO $L_{max}/L_{min}$	MAX. VEILING LUMINANCE RATIO $LV_{max}/L_{avg}$
MAJOR	HIGH	1.2	3.0	5.0	0.3
	MEDIUM	0.9	3.0	5.0	0.3
	LOW	0.6	3.5	6.0	0.3
COLLECTOR	HIGH	0.8	3.0	5.0	0.4
	MEDIUM	0.6	3.5	6.0	0.4
	LOW	0.4	4.0	8.0	0.4
LOCAL	HIGH	0.6	6.0	10.0	0.4
	MEDIUM	0.5	6.0	10.0	0.4
	LOW	0.3	6.0	10.0	0.4

$L_{avg}$  - minimum maintained average pavement luminance  
 $L_{min}$  - minimum pavement luminance  
 $LV_{max}$  - maximum veiling luminance