

Table 18.1 Illuminance recommendations for security lighting of secure areas

Application	Minimum maintained mean illuminance (lx)	Illuminance uniformity (minimum/average)	Notes
Large open areas, e.g. storage yards	5	0.1	The illuminance is measured on the horizontal surface of the area, using the method given in BS 5489-1
Building facades	5	0.1	The illuminance is measured on the building facade
Fences	5	0.1	The illuminance is measured on the ground on either side of the fence
Entrances/gatehouses	100	-	The illuminance is measured at ground level. In addition, a vertical illuminance of 25 lx should be provided at the level of the vehicle driver

Table 18.2 Illuminance recommendations for security lighting of public areas

Application	Minimum maintained mean illuminance (lx)	Illuminance uniformity (minimum/average)	Notes
Light traffic and low crime risk car parks	5	0.25	The illuminance is measured on the ground, using the method given in BS 5489-1
Medium traffic or medium crime risk car parks	10	0.25	The illuminance is measured on the ground, using the method given in BS 5489-1
Heavy traffic or high crime risk car parks	20	0.25	The illuminance is measured on the ground, using the method given in BS 5489-1
Public parks	10	0.25	The illuminance is measured on the ground of pathways
Service station, pump area	50	0.33	The illuminance is measured on the ground
Service station, store front	30	0.33	The illuminance is measured on the ground