

*NOTE 1 Lighting design should be carried out every time under consideration of available light levels, to allow lowest energy and investment for new installations.*



Figure 160

Location where the shadows of a person are produced by adjacent street and flood lighting. The spill light of these invisible flood lighting (in the back) and, street lighting luminaires providing 98% of the illuminance level on the pavement. The wall mounted luminaires are only for decorative use.

For exteriors, a general system is the usual choice where the provision of the required light levels on different areas like streets, walkways, cycle routes, parks, etc., is to be carried out but much greater degrees of non-uniformity are acceptable where the function of the lighting is essentially decorative.

The second decision to be made will be the choice of the light source and the luminaire.

The characteristics of available light sources and luminaire types are set out in Chapters C and D respectively. It is important to appreciate that light sources differ in their luminous efficacy, life, colour properties, run-up and restrike times and in their ability to be dimmed. Luminaires differ in the distribution of light and the efficiency with which they emit the light produced by the light source.