



# The Classification of luminaires according to the degree of electrical protection

Luminaire Class	Degree Of Electrical Protection
0	A luminaire having functional insulation, but no double insulation or reinforced insulation throughout, and without provision for earthing. This type of luminaire is not permitted in the UK
1	A luminaire having at least functional insulation throughout and provided with an earthing terminal or earthing contact, and for luminaires designed for connection by means of a flexible cable or cord, provided with either an appliance inlet with earthing contact, or a non-detachable flexible cable or cord with earthing contact and a plug with earthing contact.
2	A luminaire with double insulated and/or reinforced insulation throughout and without provisions for earthing
3	A luminaire designed for connections to extra-low voltage circuits and which has no circuits, either internal or external which operate at a voltage greater than extra-low safety voltage.