

Table 15 – Tests for resistance to impact

	0 Drop height $h + 0,01$ with 0 $1 + 0,01$ kg mass m			
Equipment grouping	Group I		Group II or III	
Risk of mechanical danger	High	Low	High	Low
a) Enclosures and external accessible parts of enclosures (other than light-transmitting parts)	2	0,7	0,7 ^d	0,4 ^{b d}
b) Guards, protective covers, fan hoods, cable glands	2	0,7	0,7	0,4 ^b
c) Light-transmitting parts of portable or transportable luminaires or handlights which have a surface area of 5 000 mm ² or less and which are protected by an independent protruding rim with a minimum height of 2 mm ^c	0,7	0,4	0,4	^b
d) Light-transmitting parts of portable or transportable luminaires or handlights without guard or light transmitting part which have a surface area of greater than 5 000 mm ²	2	0,7	0,7	^b
e) Light-transmitting parts without guard	0,7	0,4	0,4 ^d	0,2 ^{b d}
f) Light-transmitting parts with guard having individual openings from 625 mm ² to 2 500 mm ² ; (tested without guard) ^a	0,4	0,2	0,2	0,1 ^b
^a A guard for light-transmitting parts having individual openings from 625 mm ² to 2 500 mm ² reduces the risk of impact, but does not prevent impact. These requirements are also applicable to fixed, transportable, or portable luminaires. ^b Group II or Group III, portable or transportable luminaires or handlights, shall only be tested for risk of mechanical danger “high” ^c A protruding rim which is part of the enclosure and not part of the light transmitting part reduces the risk of impact, but does not prevent impact. ^d Where a part of the equipment (such as a non-metallic overlay of a touch pad) serves multiple functions, such as a light-transmitting area and also as part of the enclosure, the function covering the largest area is used to determine which risk of mechanical danger row is applied.				