










IP Rating

The ingress protection (IP) code denotes the protection against solid objects, moisture and impact provided by the luminaire enclosure.







Foreign body protection - 1st IP digit

Test Mark	Protection Type	Protection
	IP 1XX	Against foreign bodies \geq 50 mm
	IP 2XX	Against foreign bodies \geq 12 mm
	IP 3XX	Against foreign bodies \geq 2.5 mm
	IP 4XX	Against foreign bodies \geq 1 mm
	IP 5XX	Against harmful dust deposits
	IP 6XX	Against dust entry

Water protection - 2nd IP digit

Test Mark	Protection Type	Protection
	IP X1X	Against drops of water falling vertically
	IP X2X	Against drops of water from angles up to 15°
	IP X3X	Against showers up to 60°
	IP X4X	Against splash water
	IP X5X	Against heavy downpours
	IP X6X	Against water jets
	IP X7X	Against immersion
	IP X8X	Against submersion

Mechanical impact protection - 3rd IP digit

Test Mark	Protection Type	Protection
	IP XX1	Impact 0,225 joule
	IP XX2	Impact 0,375 joule
	IP XX3	Impact 0,500 joule
	IP XX5	Impact 2,00 joules
	IP XX7	Impact 6,00 joules
	IP XX9	Impact 20,00 joules