

















USE ACCORDING TO IP RATING (INGRESS PROTECTION) OUTDOOR/INDOOR LIGHTINGS

IP
RATING

'IP' ratings are used to define levels of sealing effectiveness of electrical enclosures against intrusion from foreign bodies, tools, dirt, moisture and water. This international classification system, when considering outdoor/indoor lighting, largely refers to how waterproof a set of lights, or lighting accessory is. Please see the table below, defined and explained the differences of each IP.

Category	IP Rating	Description	Icons
INDOOR	IP20	Protected from touch by fingers and objects greater than 12 mm. Not protected from liquids.	 
	IP43	Protected from tools and small wires greater than 1 mm. Protected from vertical water spray less than 60°C.	  
OUTDOOR	IP44	Protected from tools and small wires greater than 1 mm. Protected from water spray from any direction.	  
	IP54	Protected from limited dust ingress. Protected from water spray from any direction.	 
	IP55	Protected from limited dust ingress. Protected from low pressure water jets form any direction.	 
	IP64	Protected from total dust ingress. Protected from water spray from any direction.	 
	IP65	Protected from total dust ingress. Protected from low pressure water jets form any direction.	 
	IP68	Protected from total dust ingress. Protected from long term immersion up to a specified pressure.	