



GREEN LIGHTING

GREEN LIGHTING ELECTRONICS COMPANY LTD

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Illumination Knowledge

★ Ingress Protection(IP) Codes

	First Number Protection against solid bodies	Second Number Protection against liquid
0	No protection	No protection
1	Objects greater than 50mm	Vertically dripping water
2	Objects greater than 50mm	Angled dripping water
3	Objects greater than 2.5mm	Sprayed water
4	Objects greater than 1mm	Splashed water
5	Dust-protected	Water jets
6	Dust-tight	Heavy seas



IP Codes can and sometimes include additional letters to specify suitability for applications beyond the simple two letter designations. The following is a list of the letters that may be used:

Back of the Hand	letter A
Finger Proof	letter B
Tool Proof	letter C
Wire Proof	letter O
High Voltage equipment	letter H
Water-proofing during operation	letter M
Water-proofing during standstill	letter S
Weather conditions	letter W

The letter W is the most common extra letter that is usually added and could be extra protection for humidity, frost, or some other condition not covered the two digit nomenclature.