

Five Year Warranty*

All aluminium luminaires with a UV stable powder coat finish have a full five year replacement guarantee. This excludes lamps and lamp holders which are consumable items.

*The environment in which the luminaire is to be installed must be considered carefully when choosing the material used in the construction of the luminaire.

Ten Year Warranty

All copper, stainless steel luminaires have a full ten year replacement guarantee. This excludes lamps and lamp holders which are regarded as consumable items.

Lifetime Warranty

All glass lenses supplied with Hunza® luminaires have a lifetime replacement guarantee on lens breakage.



CABLE SIZE CALCULATOR

Maximum distances in metres for stated wattage with Voltage Drop of up to 1 Volt

Load in Watts	2.5mm cable (Metres)	4mm cable (Metres)	6mm cable (Metres)	10mm cable (Metres)
20 w	40	65	97	164
40 w	20	32	48	81
50 w	16	25	38	65
60 w	13	20	32	54
70 w	11	18	27	46
80 w	10	16	24	40
90 w	8.5	14	21	35
100 w	8	13	19	33
120 w	6	10	16	27

INDEX OF PROTECTION (IP) RATINGS

FIRST NUMERAL		SECOND NUMERAL	
NUMBER/SYMBOL	DEGREE OF PROTECTION	NUMBER/SYMBOL	DEGREE OF PROTECTION
4	(a) Protection against contact by tools, cables, or the like, more than 1mm thick. (b) Dustproof against ingress of small foreign bodies.	4	Splash proof: liquid splashed from any direction shall have no harmful effect.
5	(a) Complete protection against contact. (b) Dustproof: protection against harmful deposits of dust: dust may enter but not in amount sufficient to interfere with satisfactory operation.	5	Jet proof: water projected by a nozzle from any direction (under stated conditions) shall have no harmful effect.
6	(a) Complete protection against contact. (B) Dust-tight: protection against ingress of dust.	6	Watertight equipment: protection against conditions on ship's decks, etc. Water from heavy seas or power jets shall not enter the enclosures under prescribed conditions.
IP CODES <ul style="list-style-type: none"> Degree of protection is stated in form IPXX. Protection against contact or ingress of water respectively is specified by replacing first or second X by digit number tabled, e.g., IP2X defines an enclosure giving protection against ingress of water or liquid. Example: an underwater light should be rated at IP68. NOTE: Use this table for general guidance only.		7	Protection against immersion in water: it shall not be possible for water to enter the enclosure under stated conditions of pressure and time.
		8	Protection against indefinite immersion in water under specified pressure: it shall not be possible for water to enter the enclosure.