

Corrosive agents

CHEMICAL COMPOUND	METHACRYLATE	POLYCARBONATE	POLYAMIDE	PVC	ALUMINIUM	STEEL
Acetone	▲	●	●	●	■	■
20% Arsenic acid	■	■		■	▲	●
20% Citric acid	■	■	■	■	●	●
10% Acetic acid	■	■	▲	■	▲	●
Hydrochloric acid	■	■	▲	■	▲	▲
Chromic acid	●	●	●	■	●	●
Formic acid Up to 30%	●	●	■	■	▲	●
Nitric acid 20%	●	●	▲	■	▲	▲
Sulphuric acid Up to 30%	■	■	▲	■	▲	▲
Ethyl alcohol	▲	■	■	■	■	■
Isopropyl alcohol	●	▲	■		●	■
Aniline	▲	●	●	▲	■	■
Ammonia	■	▲	■	●	■	●
Petrol	■	■	■	■	■	■
Benzol	▲	▲	●	▲	●	■
Alcoholic drinks	■	■	■	■	■	■
Bromine	▲	●		▲	●	■
Marine climate	■	■	■	■	●	●
Liquid chlorine (vapours)	▲	▲		▲	■	▲
Calcium chloride	■	■	■	■	■	●
Ferric chloride	■	●	■	■	●	●
Hexhanyl	■	●	■	■	■	■
Ethylether	■	▲	■	▲	■	■
Phenols	▲	▲	▲		●	■
Glycerine	■	●	■	■	■	■
Hydrocarbons	●	▲			■	■
Methanol	▲	▲	●	■	●	■
Mineral oils	■	▲	■	■	■	■
Silicone oil	●	■	■	■	■	■
Diesel-naphtha oil	■	●	■	■	■	■
Food fats and oils	■	●	■	■	■	■
Ozone	■	●	▲	●	■	●
Potassium permanganate	■	■	■	■	●	■
PVC with plasticizers	▲				■	■
Soda	■	▲	■	■	▲	▲
Aqueous zinc sulphate	■	■	■	■	■	■
Aluminium sulphate	■	■	■	■	■	■
Copper sulphate	■	■	■	■	■	●
Carbon tetrachloride	▲	▲	■	▲	■	■
Toluene	▲	●	●	▲	■	■
Trichlorethylene	▲	▲	■		■	■

The chemical products in the table are only a very small part of the existing ones and in different compositions. Check the compatibility between component materials and the installation area. There may be variations in the compatibility between material and chemical product based on the concentration and temperature.

Key for symbols

- ▲ = non resistant
- = relatively resistant
- = resistant

Electronics

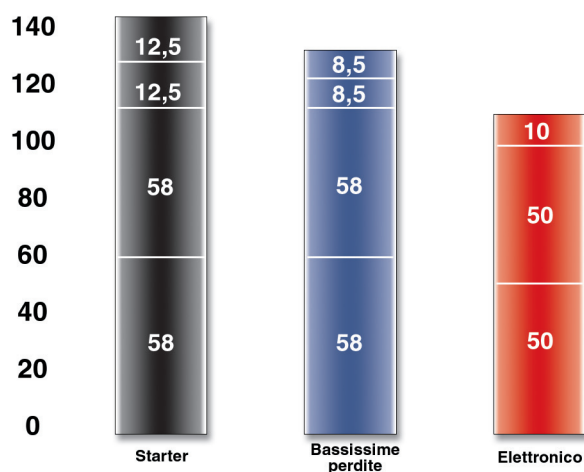
Electronic cabling

All our appliances can be fitted with high-frequency electronic transformers. These devices add functions of current limiters, igniter and power factor correction capacitor. The use of high-frequency electronic devices increases the lighting performance, reduces power losses and associated heating.

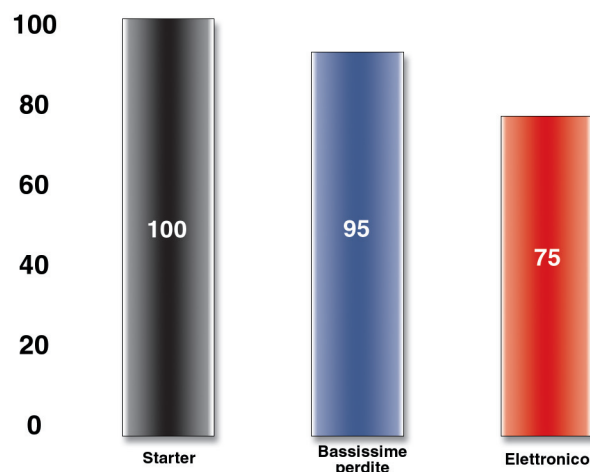
Technical specifications:

- power supply 230V-50Hz with $\pm 10\%$ tolerance on mains voltage.
- operating frequency 26-35 KHz in the various power ranges.
- filters for protection against atmospheric discharges and for suppression of disturbances and radio frequency according to the EN55015 standard.
- power factor $\cos \theta$ over 0.95.
- the high power factor means the power factor correction capacitor is not required.
- suitable for **rooms with temperatures from -15°C to $+30^{\circ}\text{C}$.**
- automatic disconnection of spent lamps.
- possibility of direct current operation.
- earth leakage current less than 0.5 mA, thus facilitating the coordination of differential switches.

Consumption in watt



Running costs



Areas of application:

- Offices
- Shopping centres
- Industry
- Schools
- Hospitals
- Control rooms
- Data processing centres
- Conference rooms
- Laboratories
- Radio - television studios
- Entertainment venues
- Projection rooms
- Pharmaceutical industry

Benefits:

- Energy savings from 20 ÷ 30%
- Lamp life over 50%
- High-quality light free from flickering and strobe effect
- Low maintenance
- Reduced temperature increase during operation
- No humming

IP (International Protection) rating index.

Protection rating guaranteed by the appliances in accordance with the EN 60529 international standard.

The different protection ratings are indicated by the letters IP followed by two numbers, the meaning of which are outlined in the following tables.

Protection rating indicated by first digit.			Protection rating indicated by second digit.		
First digit	Short description	Protection rating index Detail of objects which do not pass the protection	Second digit	Short description	Protection rating index Detail of objects which do not pass the protection
0	With no protection	With no specific protection	0	With no protection	With no specific protection
1	Protection against solid objects over 50 mm in size	Any parts of the body, such as the hand (no protection against deliberate contact with a body part) Solid objects with a diameter over 50 mm	1	Protection against dripping water when tilted at 15°	Dripping water (vertically falling drops) has no harmful effect when the appliance is tilted at an angle of 1° from its normal position
2	Protection against solid objects over 12 mm in size	A finger or similar objects no longer than 80 mm Solid objects with a diameter over 12 mm	2	Protection against dripping water when tilted at 15°	Dripping water (vertically falling drops) has no harmful effect when the appliance is tilted at an angle of 1° from its normal position
3	Protection against solid objects over 2.5 mm in size	Tools, thick wires, etc. with a diameter or size over 2.5 mm Solid objects with a diameter over 2.5 mm	3	Spraying water	Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect
4	Protection against solid objects over 1 mm in size	Cables or pieces with thickness greater than 1 mm Solid objects with diameter over 1 mm	4	Protection against low-pressure water jets	Water projected by a normal nozzle against the appliance from any direction has no harmful effect
5	Dust protected	Ingress of dust is not entirely prevented, but it cannot enter in sufficient quantity to interfere with the satisfactory operation of the equipment	5	Protection against low-pressure water jets	Water projected at 0.3 bar pressure against the appliance from any direction has no harmful effect
6	Dust tight	No ingress of dust	6	Protection against stormy sea	Water projected at 1 bar pressure does not enter the appliance in harmful quantities
			7	Protection against immersion	Immersion in water in harmful quantities is not permitted under defined conditions of pressure and time
			8	Immersion protected	The appliance is suitable for continued immersion according to the manufacturer's indications



The CSQ/IONET brand is valid worldwide.

It indicates that the company has obtained corporate quality system certification for the production and design of lighting equipment.



Indicates a product which can freely circulate within the European Union. Certifies that the product meets essential safety requirements.

All INEXPORT products comply with the Electromagnetic Compatibility Directives EU 89/336/EEC and 73/23/EEC for low-voltage electrical equipment and, therefore, are EMC compliant (electromagnetic compatibility).



I.M.Q. approval for cabled appliances. All the appliances comply with the Italian IEC safety standards which correspond to the European standard EN 60598.

Protection rating in accordance with the European standard EN 60529.

- Cathode cover available on request to give IP40 rating to the ceiling lamps.
- Quantities will be processed only in packages or multiples thereof.
- The 2x18W appliances are fitted with a 36W reactor, unless otherwise requested.
- All our lighting fixtures have a 2P + T terminal block with maximum permitted wire section of 2.5 mm²
- Prices are indicated in Euros.
- The dimensions are given in mm, unless otherwise indicated.
- Data subject to modifications without prior notice.
- The module sizes of the versions with electronic wiring and emergency unit do not change, unless otherwise indicated.

General sales terms and conditions

- 1- This price list replaces and voids all previous editions
- 2- The list prices, VAT not included, are not binding and any changes will be communicated by letter.
- 3- The goods travel at the risk and peril of the customer, including any breakages, even with prepaid shipping. Complaints will not be accepted after 8 days from receipt.
- 4- Orders will be processed according to availability and partial shipments may be made.
- 5- The characteristics of the articles may be modified without notice and obligation of communication, according to our factory requirements aimed at improving the appliances.
- 6- Except in the case of delivery prepaid, transport costs are borne by the customer.
- 7- Goods returns are not accepted. In any case, the return must be authorised by us and will be accepted carriage free with reimbursement only of material in good, usable condition.
- 8- Payments are only accepted when made directly to our company's registered address or by persons authorised by us.
- 9- It is prohibited to reproduce, in whole or in part, the descriptions and figures in our price list.
- 10- For any disagreement, the jurisdiction of the Milan judicial authority is recognised.
- 11- Warranty - The guarantee, both legal and contractual, is strictly limited to manufacturing defects only, with the exclusion of any liability for direct and indirect damages. The warranty does not include: the department of use, the consequences of incorrect assembly, malfunctions and breakages resulting from neglect or lack of knowledge. The warranty will be void in all respects if the product is tampered with. The warranty is for 12 months and starts from the date of manufacturing indicated on the product.