

	 Resistant  Semi-Resistant  Non-Resistant	Kalani IP66					
		Chemical Resistance Chart					
		Al Alloy (body)	Bracket	Glass	Screw	Cable Gland	Wire
Ammonia <25%							
Acetic Acid <5%							
Acetic Acid <10%							
Acetic Acid <30%							
Alkohol <30%							
Aluminium Chloride							
Aluminiumsulfate							
Ammonium Nitrate							
Ammonium Phosphate <10%							
Boric Acid							
Carbon Dioxide							
Carbon Monoxide							
Carbon Tetrachloride							
Causitc Soda <2%							
Ether							
Formic Acid 10%							
Gallic Acid							
Glycerin							
Hydrocarbon							
Hydrochloric Acid <15%							
Hydraulic Oil							
Kerosene							
Lactic acid							
Linseed oil							
Lubricating Oil							
Mineral Spirit							
Nitric Acid 10%							
Hydrogen Peroxide <30% (Perhydrol)							
Petroleum							
Phenol							
Seawater							
Sodium chloride							
Sodium hydroxide 10%							
Sulfuric acid 37.5% - Battery							
Turpentine							
Vegetable oils							
Xylene							
Hydrogen sulfide							

This information should only be used as a guide.

The true chemical compatibility can only be determined under the actual conditions in the final application.

Please contact your local representative if any additional information is required.

The effects of chemicals on materials.

No material can withstand the effects of every chemical. The effects of chemicals vary widely.

The accompanying tables therefore only provide a brief overview of frequently encountered applications and chemical effects and is provided for guidance only

The information given is valid under the following conditions :

– The chemical substance listed in the table is an element and not part of a chemical compound

Since some of our luminaires are made of plastic materials, their resistance against chemical products may be limited or even nil.

Consult this list before using aggressive detergents, disinfectants or installing the luminaire in chemical hazardous areas.

(E.g. car washes, swimming pools, industrial kitchens, industrial laundries, slaughterhouses, stables, cultivation farms, etc ...)

In case of doubt, please contact us.

For these conditions, appropriate products (like stainless steel clips, etc...) are available.