



## 972 Hydro Style - high resistance to chemical agents

972 Hydro style: special version for rooms with a high concentration of chemical products, gas and vapours, such as warehouses, chemical plants, food processing plants or covered external areas (breeding farms). In these fixtures, the housing and the transparent shield are made in a special material capable of resisting to chemical agents (ammonia, alkaline solutions, soap, alcohol and oil detergents - see table).

Made in copolyester with high level of light transmittance.

LED: Power factor: 0,95. Luminous flux maintenance 80%: 50.000h (L80B20).

The lighting fixture complies with the requirements of the IFS and BRC consortiums and the HACCP directive; ideal for installation in the food industry.

In any case, consult with Disano designers and its technical office to verify the compatibility between the material and the food products, and wherever a sanitization system is present.

Chemical Weightchange(%) Appearance

Chemical	Weightchange(%)	Appearance
Acetone	4.92	I
Ammonium hydroxide (sp. gr. 0.90)	0.14	A
Ammonium hydroxide (10%)	0.09	A
Detergent solution (0.025%)	0.08	A
Diesel Fuel	0.04	A
Dimethyl formamide	3.8	I
Distilled water	0.1	A
Ethyl alcohol (50%)	0.08	A
Ethyl alcohol (95%)	0.03	A
Isopropanol	-0.04	A
Lipid solution (2%)	0.01	A
Methyl alcohol	0.18	A
Olive oil	0.06	A
Soap solution (1%)	0	A
Sodium chloride solution (10%)	0.07	A
Sodium hydroxide solution (10%)	0.05	A
Toluene	12.14	I

Code Comment  
A resistant  
I non resistant

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour
164790-00	CLD	2,36	LED-5547lm-4000K-CRI80	31 W	TRANSPARENT
164791-00	CLD	1,89	LED-7766lm-4000K-CRI80	47 W	TRANSPARENT

The reported luminous flux is the flux emitted by the light source with a tolerance of  $\pm 10\%$  compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated