

DESIGN by Carla Icardi

At the Service **of Light**



A dream that becomes reality, or reality with a dream-like quality. With the launch of a new conception of the lamp which makes a complete break with the past and the traditional separation of its individual components. This lighting revolution is called ILight and is the result of collaboration between two manufacturing giants:

Targetti and Saint Gobain. Two leading companies in their respective fields – lighting and glass – which have come together to work on a ambitious project that was immediately developed into a concrete product to be launched on the market. The design world, as we all know, has always been fascinated with the intrinsic transparency of glass, and when this feature is combined with light the upshot is guaranteed suc-

ILight, suspended version

DESIGN

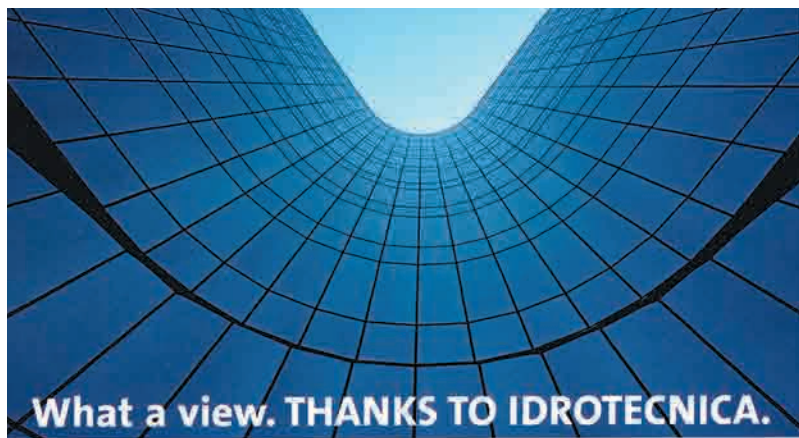
cess. Until now, these two elements existed as separate entities; the transparent materials making up the lamp on the one hand and the electrical component that powered it, on the other. Two elements that are naturally distinct, and technologically incapable of forming a whole, due the inherent technical problems. ILight, heralds the birth of a perfect

synthesis between technology and aesthetics, all obstacles having been overcome.

Technology

Planilum is a cutting-edge technology developed by Saint Gobain, it consists in two glass sheets that form an internally

ILight, wall version



What a view. THANKS TO IDROTECNICA.

All professional companies operating in the glass field know: only clean and pure first quality water guarantees the production of a perfect insulating, toughened, and serigrafato glass.

Easy, versatile, reliable

The resins and reverse osmosis demineralizers produced by IDROTECNICA are extraordinarily fitted for producing the demineralized water required in the glass field.

All units are easy to use and need very small maintenance, meeting in this way the requirements of both small and big companies. Highly reliable thanks to the careful working, all IDROTECNICA's products meet completely the strictest needs of glass industry.

A landmark in the glass field

Thanks to its 40 years experience and to the deep knowledge of this field, IDROTECNICA finds the proper solution for every individual problem. For this reason, IDROTECNICA's demineralizers are the most widespread in the glass industry. For a fine view through perfect glasses.

For more detailed information about our products and their application, please contact us.



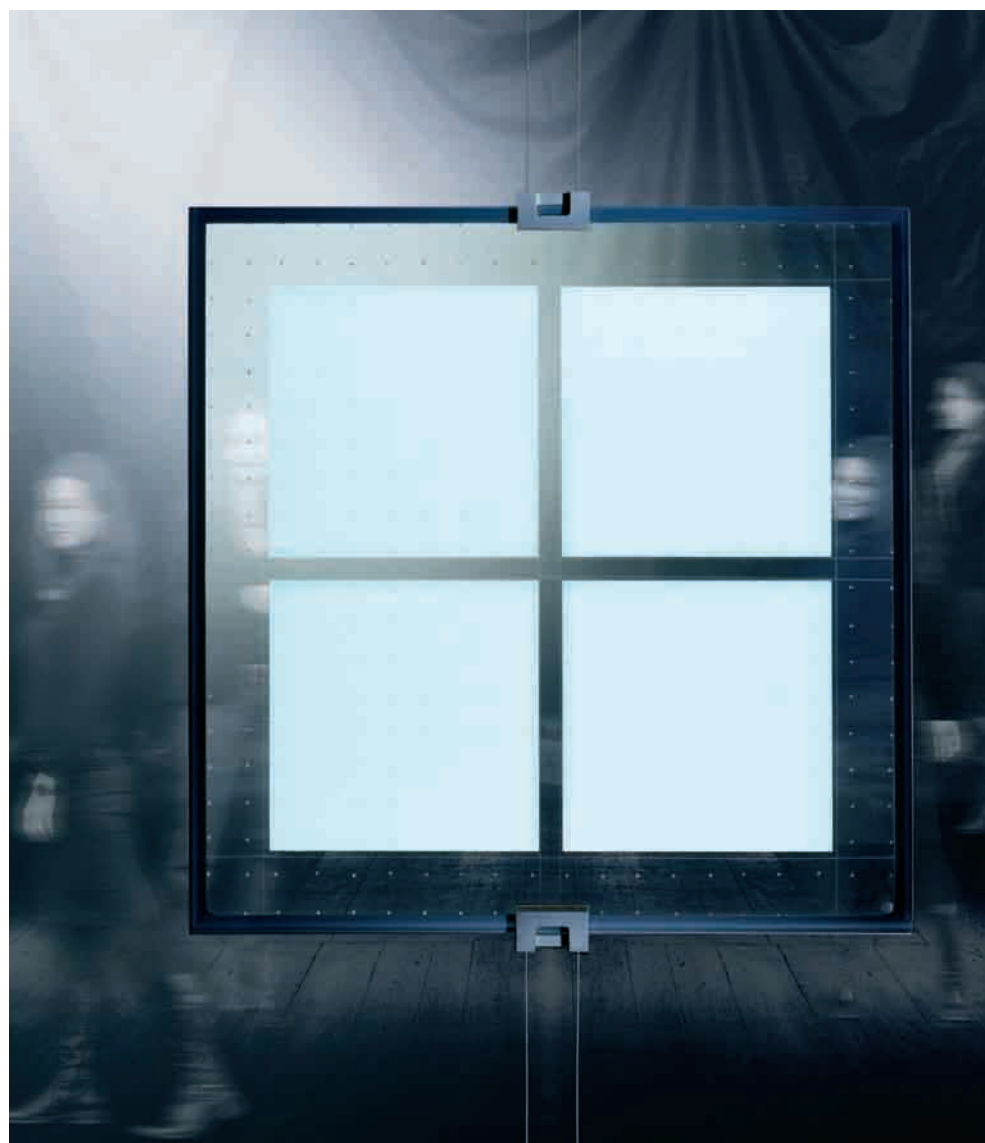
Via Santuario N.S. Guardia, 26 / F/R
16162 Genova-Bolzaneto (Italy)
tel ++39 010 711651
fax ++39 010 711659
www.idrotecnica.com

IDROTECNICA

DESIGN

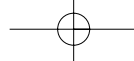
sealed airspace inside of which is a mixture of rarefied gas that are subject to a constant pressure of between 0.1 and 0.6 bar and spacers to prevent any deformation.

Light is produced by an alternating, high-frequency electric field generated by two electrodes produced by the deposit of an ultra-thin conductor layer covering each of the external surfaces of both glass sheets. The electrodes are powered by a specific device which provides the mixture of rarefied gas with the necessary voltage and frequency for its excitation and ionisation. Thus excited, the gaseous mixture emits UV radiation which is transformed into visible light by phosphor elements. Thanks to the fact that the phosphor layer may be arranged at will, this means that it is possible to



The intrinsic transparency of glass is assured and enhanced

www.reedbusiness.it



< glass in it style 10-2005

obtain infinite light effects. The product will in fact emit light in the deposit zone, while it will be transparent in all the other parts in which a deposit is not present. A special protective glass is positioned on each side of the light fitting and acts both as an electrical insulator, mechanical reinforcement and as a support for any wording, logos or designs.

But this is not all...

Planilum also diffuses very reduced quantities of heat, which means that its surface can be touched with no risk of burns. The product life is another plus point, as it exceeds 40,000 operating hours, which means a life of between ten-eleven years based on an average use of ten hours a day. The ILight lamp is 23.5 mm thick and is available in either a squared (600x600 mm) or rectangular (300x1200 mm) version.

The lightsource does not become heated, thereby providing a further guarantee of impeccable safety and performance

