

Already in the design sketches, right from the start it can clearly be seen that Livity was planned to have flowing forms.

## THE PERFECT WAVE

It has been clear for a long time: lighting in the workplace has to meet a far greater variety of requirements than merely that of bringing light into the office. With the new Livity luminaire, TRILUX succeeds in not only supplying every workplace with the correct light but in also adding visual swinging movement to the everyday work life.

**Design:**  
LAPD Consultants Ltd., Lemsford Village  
Simon Fisher  
[www.lapdconsultants.com](http://www.lapdconsultants.com)

**Luminaire:**  
Livity

**Luminaire body:**  
Steel sheet, white, solvent-free  
powder coated

**Luminaire optics:**  
Diffuser of Plexiglas,  
low profile grid UXP-S

**Luminescent:**  
T5

**Fields of application:**  
Offices, banks, foyers, sales-, exhibition  
and conference rooms, representative  
public areas

“Let’s get one thing straight: There is no such thing as a LG7 luminaire.” Without mincing his words, Simon Fisher, director of the British consultancy LAPD (Lighting and Product Design), sums up the latest developments in the luminaire industry: In the year 2005, a completely revised version of the lighting guide of 1993, Lighting of Offices, was published under the title of Lighting Guide 7 (LG7). It contains numerous recommendations for British lighting specifiers on how to light office spaces. However, if a luminaire is only limited to these criteria, according to Fisher, and the variety of changing factors such as ceiling height, reflection characteristics or use and design of a building, are not considered, the resultant environment can look alien and ignore the needs of the users of the space. Thus, when planning, one should neither ignore the individual proportions of a room nor the demands of the users and consumers.

TRILUX quickly realized that together with the team of the British lighting designers LAPD a new product was to be created. That way, not only could the 100 years of experience of

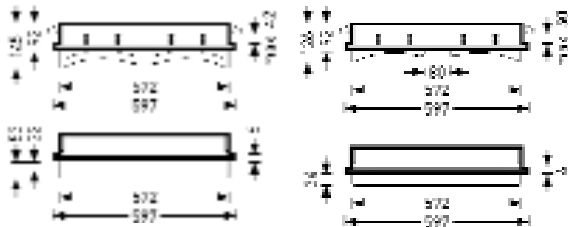




With the help of two adjustable catches, the position of the diffuser surface can be changed. Thus the luminaire can be individually used in various ways.



Photos: TRILUX



The diffuser of Livity consists of opal PMMA with a structured surface. Its wave form is emphasized more by the rounded corners.



Livity UXP-S combines an elegant diffuser with the satined low-profile grid UXP-S and thus gives maximum efficiency.





In the TRILUX Light Lounge in Arnsberg, Liventy has already been installed: Here the interested customer can get a realistic idea of the luminaire.

TRILUX be put to good use but also the fresh creativity and the knowledge of the market both companies have. To make the new luminaire appealing to as many users as possible, the views of the users, experts, architects and consultants had to be taken into account at the start of the planning process. A survey for this purpose showed that, as expected, the demands of the individual customer groups differed greatly: For the consultants, efficiency was most important, the architects focused on aesthetics, for electricians a simple installation was the priority and the users wanted the luminaire to create cosiness. A second insight in this process showed that for many luminaires straight forward solutions, however, can lead to restriction in variety.

Armed with the collected data and inspired by forms found in nature, LAPD designed a whole series of two- and three-dimensional luminaires. Together with TRILUX, the designs were then measured against the requirement profile. In addition to the design, a high light output ratio of up to 85 per cent, simple installation, maintenance and care were important cri-

teria. In the search for appropriate materials, the developers resorted to their own library of materials and to that of the Institute of Materials, Minerals and Mining in London.

Thus a luminaire was designed which not only follows the British LG7 guidelines to a large degree but satisfies additional criteria beyond them. Liventy turned out to be a simple but beautiful luminaire whose materials can be recycled – a goal TRILUX had been concerned with for a long time. Different light levels ensure the appropriate illuminance for any application and, at the same time, contribute to energy conservation. The opal PMMA diffuser with its structured, bulging surface is designed in such a way that it hugs the ceiling like gentle waves whereby the diffuser can be installed without any tools in two positions of different depths within the luminaire body. The recessed luminaire is also available with UXP-S low-profile grid UXP-S, giving an additional air-handling capability.