



Background:

This lighting project brief required the designers to create a striking and exciting exterior; bright, luminous, and colourful.

Grazing linear luminaires created an even light up the facade. The use of Microlouvres assisted with the control of light to be directed to the intended target only, minimizing light pollution and glare.

Stadkamer is a City Hall office building which has been transformed into a contemporary hub. Providing information and education, art and culture in the heart of Zwolle, Stadkamer is home to performances, good food, and community spirit.

A sociable space made for studying and working, socializing and relaxing.

The requirements were for:

- Facade lighting
- Wall wash effect
- Changing colour schemes
- Meeting stringent health and safety regulations

The Problem:

acdc are part of the Zumtobel Group and global lighting application experts in outdoor architecture, plazas and landscapes. acdc design groundbreaking luminaires which integrate market-leading technologies. acdc were invited to work with architects, JHK, on the transformation of the entrance building which connected the other building parts.

It has a closed façade covered with translucent skin with refined vertical lines. The lighting project brief required the designers to create a striking and exciting exterior; bright, funky, and colourful.

MICROLOUVRE[®]

helps remove light pollution with it's ability to hide the light source

The intention was for this event space's facade to share what is happening inside. Using colour, the theme of the function would be portrayed for visitors arriving. The translucency and the changing colours show that the space is full of life.



The acdc Blade Linear Luminaire, with its powerful light output, were mounted at a height of 7.7 metres end-to-end for a continuous wall wash effect.

The grazing linear luminaires' narrow elliptical beam created an even light with the help of reflecting surfaces at the bottom of the concrete wall and façade sending light upwards. The use of Microlouvre Koolshade®, integrated into the units assisted with the control of light to be directed to the intended target only, minimizing light pollution and glare.

Two DMX CueCore solid-state controllers also meant that unique lighting scenes could be created through dimming and individual LED control.

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RESULTS

- Directional light control
- Balanced glare control
- Strong colour saturation
- 100% CRI
- Nonexistent light pollution
- Fire and heat resistant
- Made from +90% recycled copper scrap
- Highly sustainable
- 100% recyclable