

Built to provide services to Dubai's bustling financial hub, The Exchange is designed to create a relaxed, stress free and intimate oasis in the luxurious city. Along with the numerous banks, financial institutions and offices, it was created to be a 'hub of ideas'.

It has also become a culturally vibrant and active community, thanks to the presence of art galleries, excellent restaurants, and high calibre commercial establishments. A correct lighting design was absolutely essential to continue this atmosphere into and through the night.



Background:

Sustainability was a major factor in completing this project as the lighting designers were keen about implementing a product that would meet all the sustainability requirements set for the building's façade.

Furthermore, light pollution was a concern that needed to be eliminated when applying Linea Light's product with our Microlouvre Koolshade® fabric.

- Facade lighting
- Modern architecture
- Meeting stringent health and safety regulations
- Sustainable product required
- Dubai International Financial Centre

Outcome:



- Directional light control
- Nonexistent light pollution
- Made from +90% recycled copper scrap
- Balanced glare control



On the main façade, delineating the external views, the metal tiny paper thin louvres were integrated into Linea Light's Xenia and positioned with 8-degree optics, chosen to not impair the internal function of the spaces with any light reverberation.

To tackle the light pollution issue, Microlouvre Koolshade® concentrated the light source in the intended direction, solving the problem of unwanted light trespass and reducing light spill and glare. This essential to protect passers-by from unwanted and hazardous glare from outdoor lighting units.

