



WATANIYA TELECOM

New Headquarters in Colaboration with S&C

The Wataniya Telecom New Headquarters is one of Kuwait's most important construction projects. With its long history in the lighting field, Spaces and Concepts Lighting won a contract to supply and install the project beside the metal ceiling and raised floor. Lighting units from major international companies such as TAL, Artemide, Thorlux, Leucos and Lledo were imported and installed.





Artemide LED Net Ceiling Lights

Seldom is there as fun and playful a lamp as the Artemide LED Net Soffitto. The body of the Artemide LED Net ceiling lamp is made out of aluminium, while the refractors are made out of methacrylate. The Artemide LED Net ceiling light is available in two sizes, 66 cm or 125 cm, and is also available in a round version with a diameter of 65 cm.

One of the most decisive factors in selecting a lamp is the efficiency with which it consumes energy. The Artemide LED Net ceiling lamp makes use of LED lighting technology, ensuring energy efficiency. The Artemide LED Net ceiling lamp is ideal for use in the living room or bedroom as general room lighting. With its energy efficiency and its sleek design, the Artemide LED Net ceiling lamp is an excellent edition to any living room or bedroom.



LED Net Ceiling Light, used in Wataniya Typical Floor 9th and 10th.



Berrier

TALzine

2013 - BERRIER SPECIAL

Berrier is the latest new suspended lamp from TAL for which we have fallen back on a timeless round design. TAL raises the usual spherical pendant light to a higher level by completing

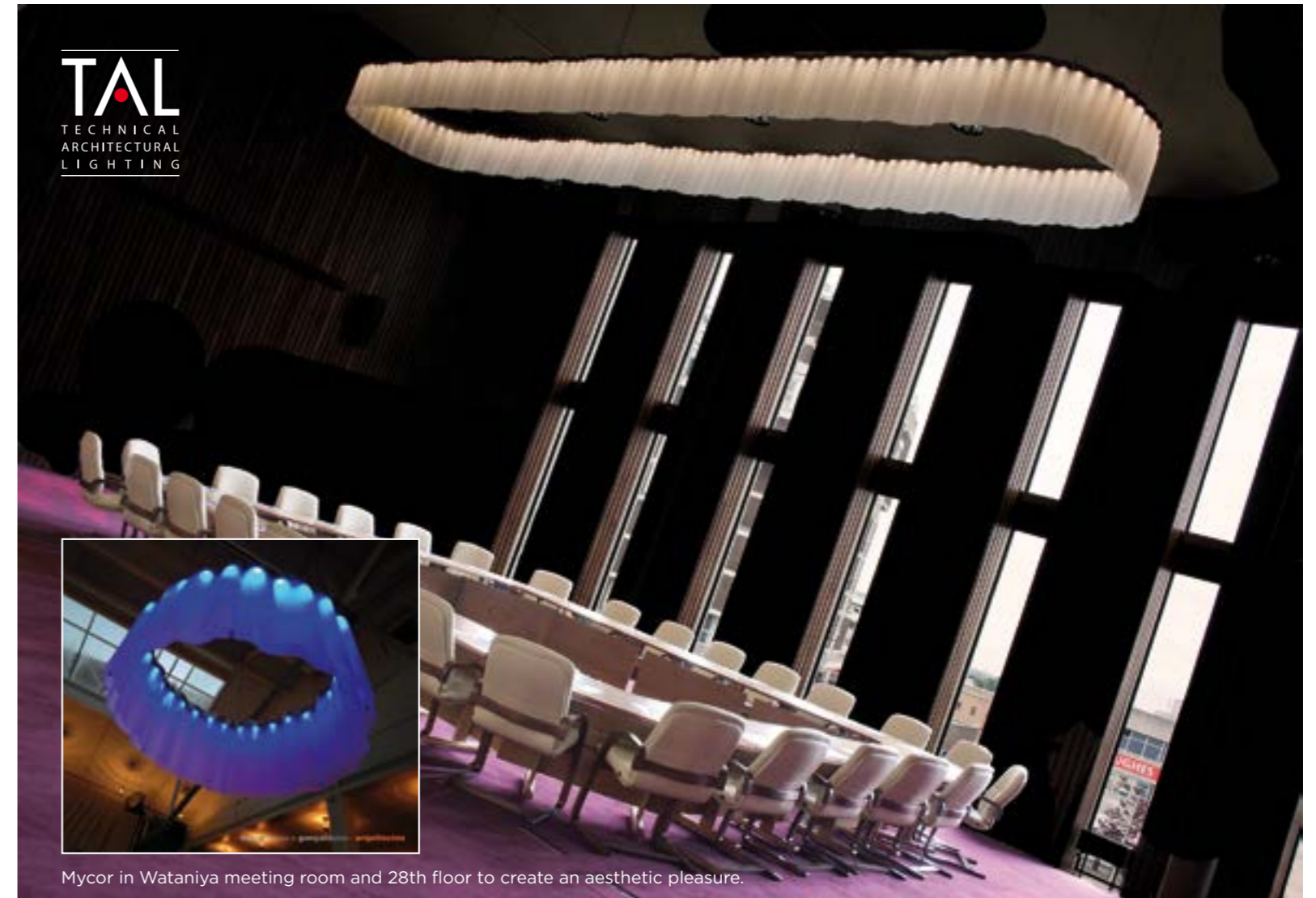
it with a big convex lens. This particular lens adds an attractive futuristic edge to the fixture and sees to it that BERRIER also looks intriguing even when the lamp isn't on. It seems as if a



crystal ball lies hidden in the fitting and this mysterious effect is even more so when the lamp is on and its light (Philips Fortimo LED system) is seen in layers in the convex lens. TAL offers a wide scale of varieties of this lamp: such as the version in Black & Gold - a classic within the TAL range - of which the housing is finished in textured black and the ring of the lens is finished in gold anodised aluminium. There is also a black BERRIER with chrome ring for the lens available as well as a completely black version with a trendy red braided cable which absolutely guarantees a dashing impression. The version completely in red with a special colored lens which creates a sort of psychedelic effect is also very amazing. The real showpieces are Berriers with



a black housing and white ring and vice versa. These versions have a cable in pied-de-poule pattern which reminds us of retro style. Everything is possible with this spherical pendant light, as long as one doesn't play football with it. Football lovers obviously didn't fail to notice that Berrier is no stranger in this sport. This lighting fixture was developed out of respect for the French football player Franck Berrier who's active in team SV Zulte Waregem.



Mycor in Wataniya meeting room and 28th floor to create an aesthetic pleasure.

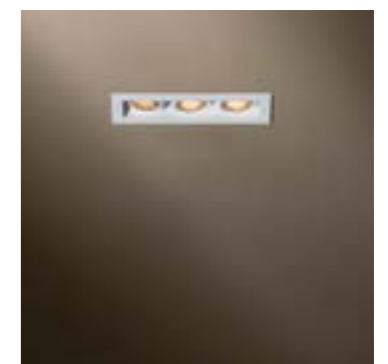
SYMBIOSIS BY TAL mycor

Decorative curtain-shaped lighting fixture for pendant, ceiling mounted or wall mounted installation. The thermoformed PMMA panels contain five powerLED's either in standard high power format or in high output format with an increased performance of around 50%. Available in a variety of LED colours or in RGB version. Each unit has an integral PCB converting constant voltage to constant current thus making parallel connection between several units extremely easy. Mycor panels can be connected to each other thus creating any desired shape such as lines, circles, rectangles, squares etc... The units can be installed showing hollow or convex shape.

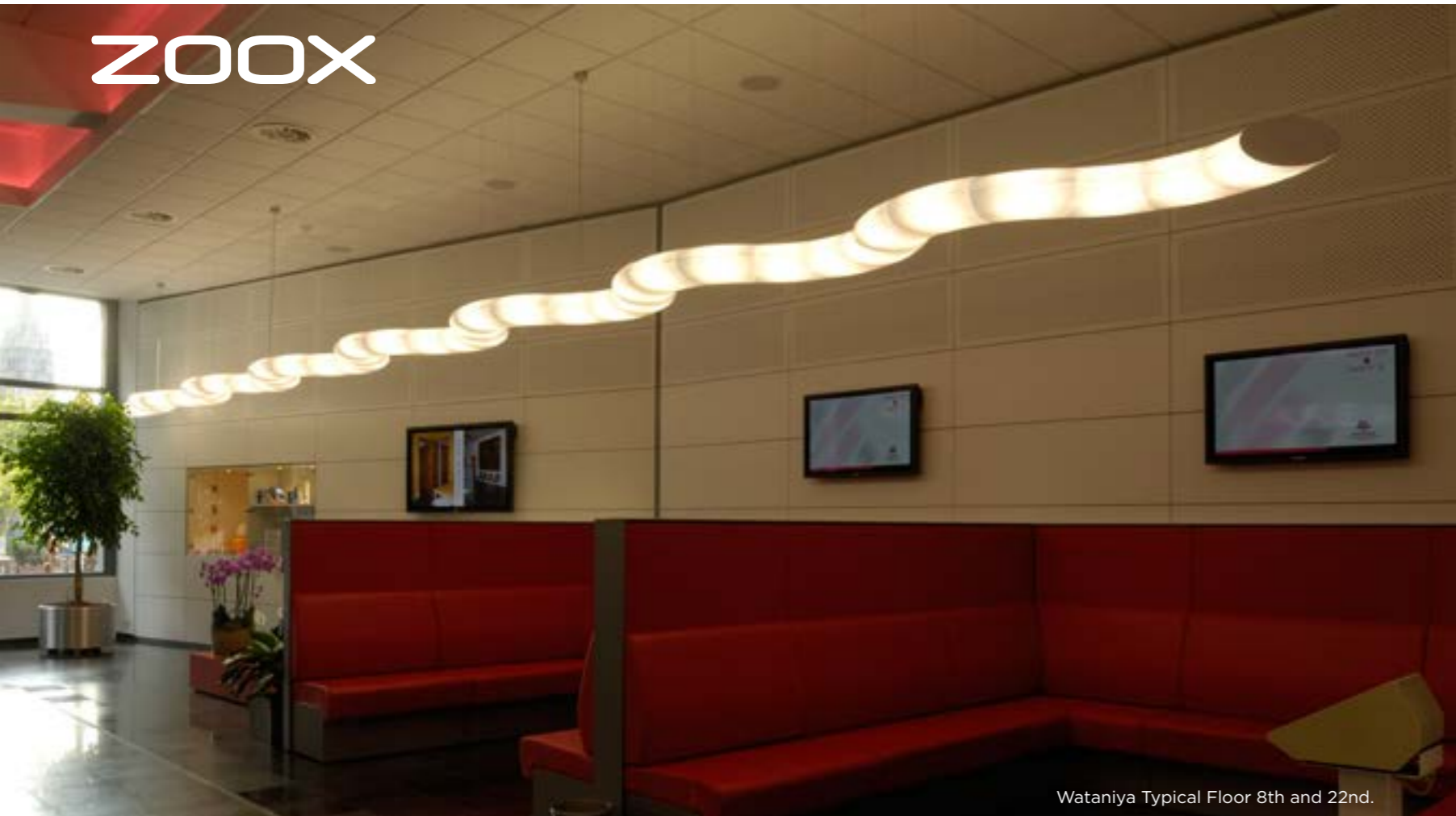


Pure Renaissance

Modest in size, big in performance. This lighting line focusses on the lament of many architects and interior designers. Where are the "conspicuously inconspicuous" light accents that valorise the architectural power in the highest way possible? TAL developed the answer.



ZOOX



Wataniya Typical Floor 8th and 22nd.



G3 High Performance Downlighters

G3 High Performance Downlighters are used in Typical Floor Office - Wataniya



The New G3 LED

LED versions have been added to the range of G3 high performance downlighters. Recessed luminaires with injection moulded reflector. Open, louvre and IP65 versions available. Accessories include frosted inner and frosted outer drop glass, green tinted halo and IK10 polycarbonate cover. Very efficient, remote phosphor technology, 12W or 24W LED versions. Applications: Offices, corridors, reception areas toilets and retail.





Artemide®

A Cloud of Light by Artemide, at The Charles De Gaulle Airport in Paris and Wataniya Kuwait

Since March 27 an inspiring suspended cloud, made of light and silver hues, dominates the broad high-prestige shopping area at the Charles de Gaulle airport in Paris. It is a unique project implemented through the use of a high number of Mercury appliances, designed by Ross Lovegrove for Artemide and winners of the Good Design Award 2008 of the Chicago Athenaeum. The architect Marc Fidelle explains the background philosophy of the project: "Our goal was to qualify the heart of the airport's shopping area with a suspended luminous installation in the hall - imposing, yet subtle and poetic. The result was a plastic work capable to relate with space and with the important brands on sale, as well as to establish a visual connection with the entrance to the halls on the lower floor.

Our project is perceived as something characterized by light weight, reflections, and movements, and produces a surprise effect in the shopping area, creating an emotional contrast in the surrounding space."

Mercury, designed by Ross Lovegrove for Artemide, is a modular system allowing several combinations, and is available with halogen, led or metal iodide sources. The lighting bodies are made of die-cast aluminium, whereas the reflecting ones are made of an injection-moulded, metallised thermoplastic material.



Logico Lamps are inserted in Wataniya Headquarter Typical Floor 9th and 10th.

Artemide®

Logico by Artemide

The Artemide Group offers Logico Lamps and Lights with innovative, state-of-the-art processes making Artemide a leader in the lighting field. Artemide is world renowned for Logico classic table lamps, floor lamps and wall lights.



Customized LED Luminaires The Evolution in your Hands

Lledó
Lighting

LED structure
ICE LINE
The illuminated linear recessed installation ICE LINE has an internal diffuser with BRIGHT LIGHT technology incorporating the most advanced optical diffuser in an Ice Opal finish and its high efficiency makes ICE LINE the perfect solution for the architecture of both today and the future. Its high efficiency of 62 lm/W. its high visual comfort provides an interior lighting that is both environmentally

and people friendly. The electrical connection is made by a five poll terminal block. The standard supplied has DALI adjustable ballast. Input voltage 230 V. Made of Steel stove-enamelled in RAL 9006, aluminium grey.

ICE LINE is available for small size LED light 3,000 K / 4,000 K with luminous efficacies of 62 lm/W. ICE LINE is among the special Lledó products that can integrate diffusers for air return.

The high transmittance of the diffuser makes the series suitable for direct lighting of work areas, meeting rooms, waiting rooms, corridors, lobbies, housing areas and traffic areas.

Customized Metal Ceiling have used at Wataniya Telecom New Headquarter.



• Spanish LLedo

WATANIYA TELECOM New Headquarters

• Gateway

• Ground Floor



• Theatre



Wataniya Telecom New Head Office

SPACES & CONCEPTS Co. Decoration and Furniture Department



• Our Lighting Installed in The Ground Floor

Wataniya Telecom inaugurated its new head office in Kuwait City. The new head office is located near the ministries zone on Soor street in Mirqab region. The new Wataniya Tower has a beautifully designed customer care center at its ground floor level. The design of this level is a blend of ultra-chic, green and techno savvy interiors.

When you walk into the place you see huge LED walls and walkways, with lush green wall gardens, and uber modern design interiors for customers. One of the most amazing things they had was live butterflies flying all over the place. I hope they keep those!

The project involves construction of a commercial building comprising a

basement level, a ground floor, 2 mezzanine floor, a mechanical floor and 27 additional floors. It also includes a car park building comprising a basement level, a ground floor and 4 additional floors.

Its simplistic exterior design is covered completely with reflective mirrors offering a 360 degrees panoramic view

of Kuwait City. The offices' areas are distinguished with their open space design allowing maximum light penetration and flexibility in office setup and dynamic change of floor layouts. The materials used inside for furniture, flooring, ceiling and light fixtures are totally green and environmental friendly. Moreover, the building has been equipped with a civil



• Eng. Ayman H. Darwish
Head of Interior Design & Construction

shelter area located at the basement level of the car park, in case of emergencies.

In order to create a healthy, conformable and integral working environment; Wataniya Telecom was keen to provide the building with various facilities to meet the needs of its employees like: smart building facilities for IT & electrical systems, a nursery for young mothers, gym for both male and female employees, additional training facilities, well equipped meeting rooms, auditorium and stage for up to 100 persons, three cafeterias and a restaurant in addition to a car parking area which will be shared between Wataniya Telecom and the Ministries Complex with a total building size of 100,695m².

Adding to that, Wataniya Telecom has also provided its business and VIP customers with a cutting-edge retail store designed with the best features to enhance their experiences. Now this new head office can meet the needs of Wataniya's team as well as the customers in this completely new and fully equipped building.

Spaces and Concepts was awarded the contract of supplying and installing



the ceiling at typical floors, lighting fixtures at typical floors as well 27th and 28th floors that are designated for top management and board members. Spaces and concepts was nominated lately to install the raised floor system at several typical floors.

The ceiling works consists of painted gypsum board works with interesting design that embrace part of metal tiles and bounds the modular system of 120x120cm metal tiles with custom made structure design for the main suspension system as required by the engineer. The metal ceiling system was supplied from one of the most reputable companies in Spain and it consists of acoustical perforated and solid panels as well as special custom made design of grill type panels.

The raised floor system is supplied from the far east and it consists of 60x60cm tiles fixed on metal pedestals. The flexible flooring and ceiling systems

adds another unique characteristic to this landmark project as the end user can modify the sizes and locations of offices without demolishing any interior decoration item since the ceiling, flooring, and demountable partitions are coordinated together under the module of 120x120cm.



• Metal Ceiling



• Raised Floor System



City of Arts & Sciences Spain, Valencia



SANTIAGO CALATRAVA

Spanish-born architect Santiago Calatrava (born 1951) has gained international celebrity for structures that suggest the shapes and the motion of organic entities, even as they rely in their construction on the modernist triad of concrete, glass, and steel. Calatrava's projects are big; he tends to attract commissions for major civic structures that soon become established as community landmarks. His work is immediately recognizable, and it transcends the common architectural distinction between spare modernist forms and playful postmodernist ones. Their clean, geometrical lines are mellowed as Calatrava shapes them into pleasing forms that for the architect's many ordinary admirers suggest flight or spiritual uplift. Receiving dual Ph.D. degrees in structural engineering and technical science from that institution in 1979 and 1981, he became one of the few architects fully trained as an engineer. In Zurich, Calatrava met and

married his wife, Robertina, a law student and later lawyer who has played an important role in managing his far-flung business enterprises. Calatrava opened his own architecture firm in Zurich after finishing his degree in 1981. After he won a contest, his design for Zurich's new train station was built in the early 1980s. In the late 1980s and the 1990s, Calatrava made his reputation as an architect by designing more than 50 bridges, most of them in Europe. Bridges allowed Calatrava to combine his architectural with his engineering expertise. Calatrava's first completed U.S. building, however, was an addition to the Milwaukee Art Museum originally designed by Eero Saarinen in 1957. The central feature of his design was a massive two-part sunshade resembling a pair of wings that could open and close in order to change the lighting inside the building. The design was ambitious and difficult; Calatrava at one point was forced to come to Milwaukee and earn state engineering

certification in Wisconsin in order to keep the project on track. Calatrava won a major commission in the wake of the September 11, 2001, terrorist attacks at the World Trade Center in New York City. The terminal of the PATH rail system, serving commuters in New York's western suburbs, had been destroyed in the attacks, and in 2003 Calatrava's design was chosen for its replacement. It too was birdlike, with the interior of the building divided into a pair of wings, and the white building seemed to suggest a phoenix rising from the ashes. Slated to open in 2009, the station was delayed several times as Calatrava's design was altered due to security concerns. Calatrava remained busy in Europe as well, designing an opera house in Tenerife, in the Canary Islands, that evoked a giant ocean wave. His commissions in Europe in the early 2000s included the first modern bridge allowed to be built over the Grand Canal in Venice, Italy's historic city center, and an opera house

in his hometown of Valencia, one of a whole complex of museum buildings that he designed there. But Calatrava's most visible European design of the 2000s was the roof of the Olympic Sports Complex in Athens, Greece, viewed by hundreds of millions of people on international television broadcasts. Resembling a double arch shape in distance shots, it proved on closer inspection to consist of a series of curved white spines that suggested the ribcage of an animal. Little known in the United States even in the late 1990s, Calatrava was something of an architectural star there by the mid-2000s. In 2005 he won the prestigious Gold Medal award from the American Institute of Architects. The 2005 AIA Gold Medal

S&C Unique Methodology



Projects Team

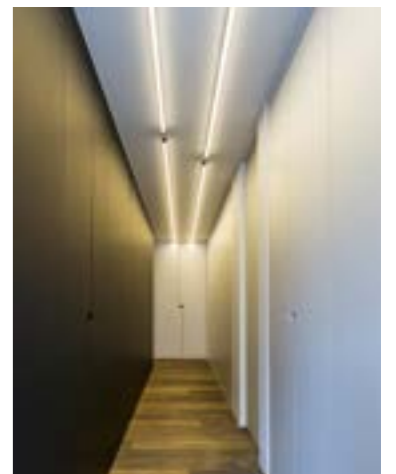
At Spaces & Concepts we believe that effective project management is imperative for success on any project. Each project is unique in its context and objectives; and should therefore be treated as such.

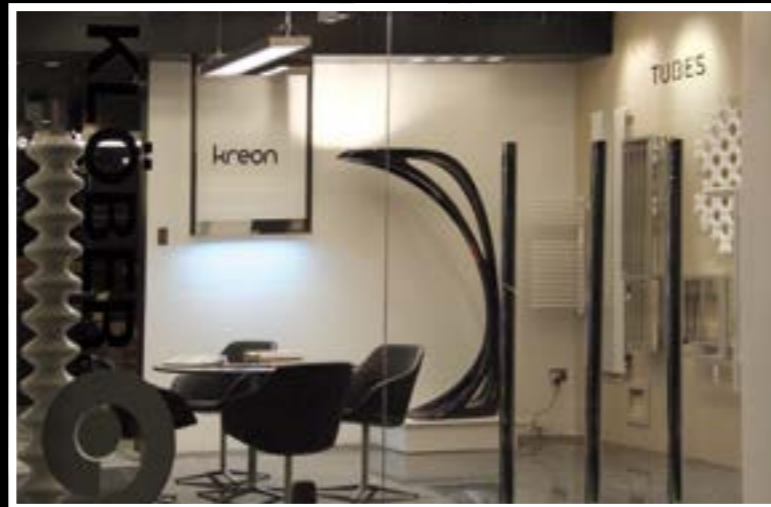
Spaces & Concepts project managers have developed a unique methodology that we use to ensure that Architects

and Designers are given the fullest possible support. We take the view that there are four crucial aspects to each Project: Design, Economics, Performance and Environment. Further, all four must be addressed if the project is to achieve its architectural design brief. We can work with our clients from any stage of the project but in order to achieve maximum benefit of our services, we work best when starting at the initial design

stage. Meeting with the client and architects, engineers and electricians, we work hand in hand with the project leaders to create the perfect solution for your project.

We source from our exceptionally broad range of suppliers the best suited products for the design with consideration of lifetime, energy efficiency, budget and maintenance. Quality is of course a guarantee at all times.





OUR SHOWROOM

Spaces & Concepts
 Shuwaikh Industrial Area, Suncity
 Complex, block E. T: +965
 22241203

Eng. Tawfic Dia: **WATANIYA TOWER**, Kuwait's First Comprehensive Intelligent Building

- What distinguishes the architectural design of the Wataniya Tower?

The Wataniya Telecom Headquarters Building is characterized by being an integrated design for a modern office building that achieves the follows:

- Simple design in which the budget is focused on the building's functions and decorations instead of the exterior architectural shape.
- Offices are distributed around a service center which allows employees in each office to enjoy natural view, light, and easy access to service.
- The design is based on 120 cm modules that are used in flooring, ceilings, etc. This measurement is considered the 'golden standard' for offices.
- All partitions are demountable and are fixed using pressure bold that leaves no marks on the floor, ceiling or walls.
- The ceiling consists of 120 x 120 modules. Each module contains an AC, light and fire alarm service, which helps avoid the need to making changes on the ceiling when partitions are changed. All windows used are 120 cm size, and the number of windows vary in each office to ensure that employees enjoy all conveniences. A convenient space, modern furniture, restaurant, gym, nursery and other services make the Wataniya Tower a



Eng. Tawfic Dia - Resident Engineer,
Futooh Al-Asfoor Consultant Engineers Company

comprehensive project from the architectural standpoint.
 • Last but not least, the project is the first in the Middle East to have an LED screen that supports 3D and HD covering its entire facade.

- What distinguishes the Wataniya Tower from other projects in Kuwait that are similar in design and services?

Wataniya Tower is distinguished by being considered a comprehensive intelligent building. All services and components, including the LED screen, are controlled by an Intelligent Building Management System (IBMS). The building is designed to serve a special 'Switch Center' for mobile telecommunications, which is connected to main and backup generators to ensure continued operation under all

conditions. Modern equipment and furniture as well as power-saving LED lightings were used in interior design.

- What were the biggest challenges that faced the project from the beginning till the end?

One of the main difficulties was applying the module system to allow expansion or adjustment of the office's area without making changes to the ceiling (lighting, AC, sprinkles) or the floor (data points and electricity sockets). Setting up the partitions which are made from the same aluminum used in interfaces was challenging as several companies that worked on interior construction had to achieve a high level of coordination and preciseness. The end result was a modern, beautiful building that

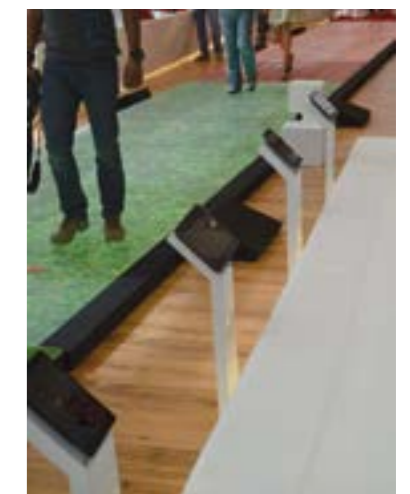
combines high functional capacity with features of the next generation technology in building.

- In general, how do you evaluate the performance of companies that took part in construction?

Companies were selected carefully in order to assemble an executive team that consists of high-level specialized companies in foundation building and interior design. Despite the difficulty to manage a project of this size while having a large number of specialized companies working together, all companies committed to high level of execution, preciseness, and commitment to achieve the design goals.

- Would you recommend Spaces and Concepts for other projects?

Spaces and Concepts was one of the specialized companies that handled interior works, such as the lighting system, the modular design that is used for the first time in Kuwait, and the raised flooring system. I can confidently recommend Spaces and Concepts for other projects because to achieve success in a project such as the Wataniya Tower, with its preciseness, design, and functions within the specified time, the company has passed a very difficult test.





Cosmic Angel



Artemide®



SPACES & CONCEPTS
GENERAL TRADING & CONTRACTING COMPANY

P.O. Box:
887 Qortuba, 73508
Kuwait

Shuwaikh Industrial Area
Suncity Complex
Building B, Mezzanine Floor
Office No. 32

t +965 22241201/2/3
f +965 24919230
info@spacesnconcepts.com
www.spacesnconcepts.com