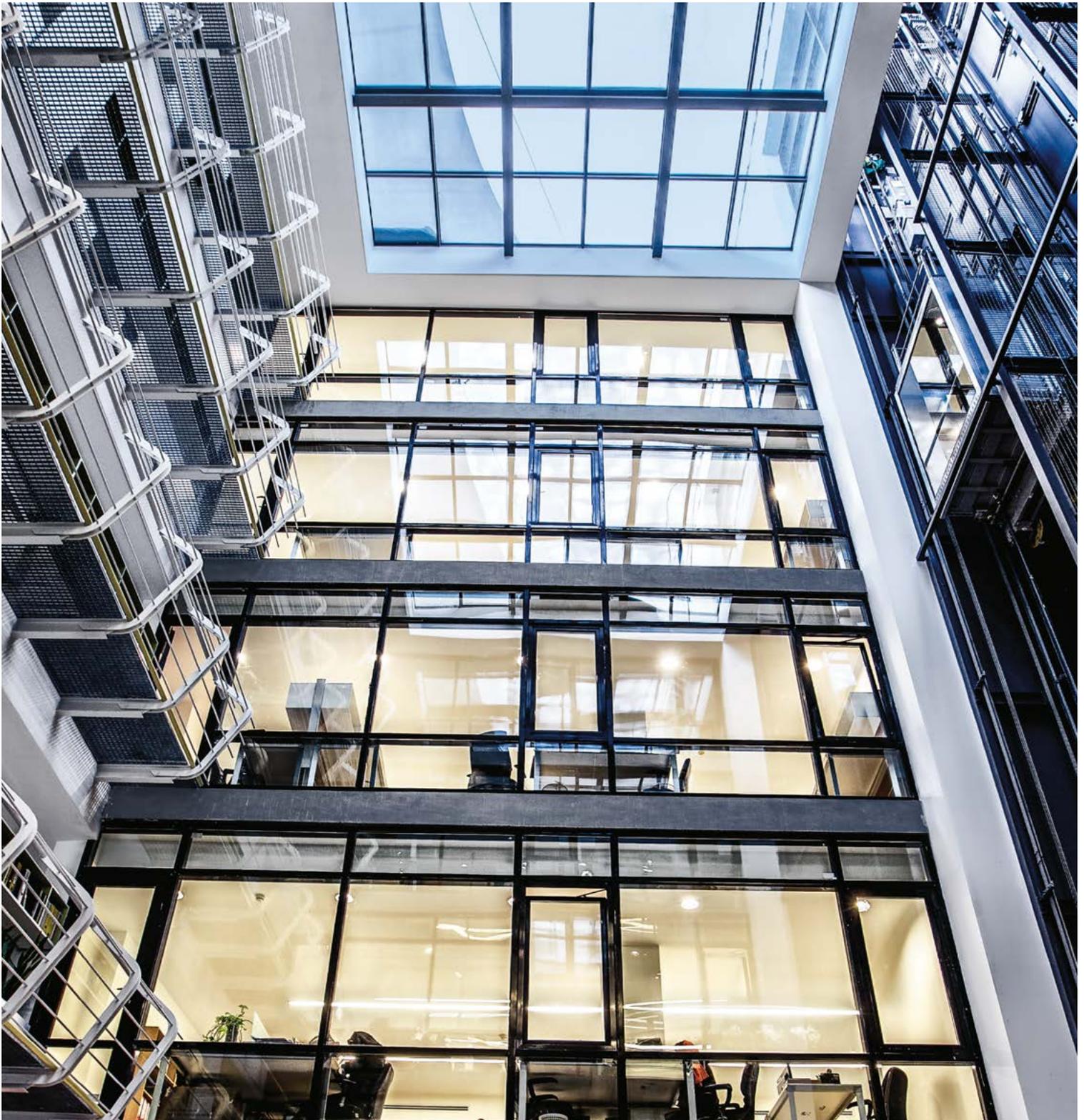


**Kayson
Headquarters
Teheran/Iran**





Enhancing the sense of wellbeing

A successful lighting solution creates visual conditions that make people feel at ease. It should motivate them and help them concentrate on what they need to do. Parameters such as uniform illumination of task areas, bright walls and ceilings plus a pleasant atmosphere can have a direct impact on the physical and mental wellbeing of individuals.



Creating identity

Lighting scenes that can be adjusted to meet user preferences by means of variable colour temperature and light intensity help increase employee satisfaction and create identity. High-quality product design and architectural lighting design also play a significant role.



Reducing costs

Energy efficiency, long service life and lighting management systems enable lighting solutions to play a key role in reducing overall operating costs. The reputation and importance of a company or building will also benefit from a sustainable approach.



Kayson – Reducing costs, increasing well-being

Kayson is a privately owned engineering and construction company based in the Iranian capital city of Tehran. Kayson offers design, management, procurement and construction services for engineering and building projects in Iran and other countries.

The new headquarters of Kayson are based in Tehran in a 12-floor office building covering over 7 600 square meters. The design brief of the project was focused on markedly reducing consumption of energy and other materials. Compared to previous lighting solution proposals, Zumtobel made it possible to cut the number of luminaires by 40 % and reduce energy consumption by 42 %.

Kayson Company Headquarter, Teheran | IR

Architect: Kayson Architectural Dpt. (in house), Teheran | IR

Lighting calculations / solution partner: Pars Idea Stack, Teheran | IR

Photos: Mr. Milad Payami

Lighting solutions: MELLOW LIGHT IV surface-mounted, MELLOW LIGHT V recessed, SLOTLIGHT recessed, OREA pendant, AERO2 pendant, LIGHT FIELDS recessed cluster, MIREL FEW recessed, FD1000 downlight, MICROS-S downlight, TUBILUX tubular, TECTON continuous-row system

Light for offices and communication

Users at the heart of contemporary office environments

♥ Enhancing the sense of wellbeing

The highly efficient AERO II cannot fail to impress with its extremely flat design. The luminaire is installed in the management offices to provide high-precision lighting for the task areas. The indirect lighting component of AERO II supports employee well-being. This has been proven by the latest office lighting study carried out by Zumtobel in collaboration with the Fraunhofer Institute. According to the study, 82 % of study participants would prefer a combined direct/indirect lighting solution to help them feel comfortable.



MICROS-S LED downlights in the corridor and SLOTLIGHT II T16 in the open office



The linear luminaire SLOTLIGHT II T16 at the reception area and FD-1000 downlights in the corridor



The elegant LIGHT FIELDS in combination with MICROS-S LED downlights



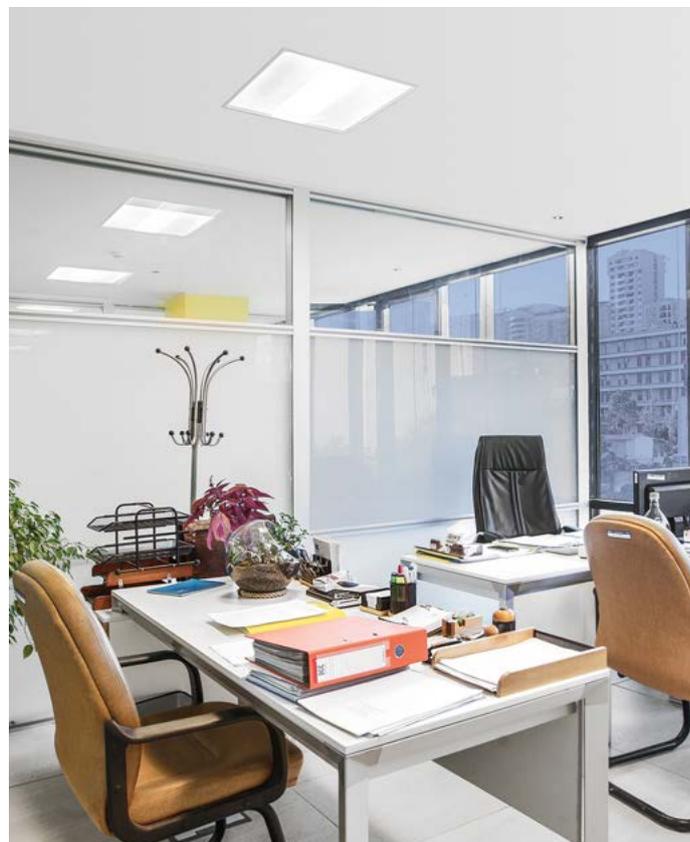
Creating identity

The LIGHT FIELDS clusters in the management areas not only provide a very special lighting scene, but also create a harmonious room impression. The clusters blend discreetly with the ceiling to become an integral part of the interior design.

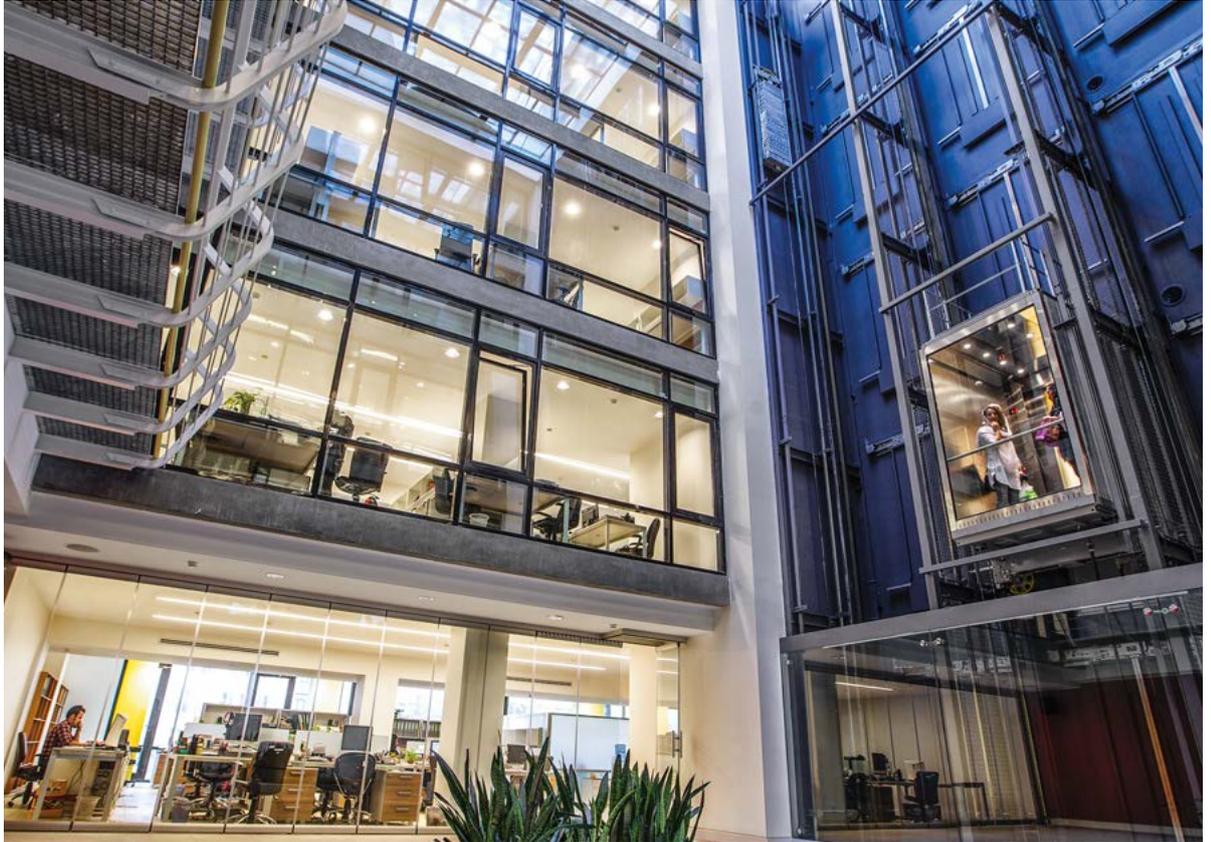


Reducing costs

With an overall light power density of 9 Watts per square meter, the building conforms to both the EN15193-1 and ASHRAE/IESNA 90.1 energy building standards. The Kayson headquarters are a great example of reducing material cost and energy consumption, whilst simultaneously creating a working environment where employees feel at ease and are able to identify themselves with the company.



MELLOW LIGHT V recessed in the office



A combination between excellent glare control in the offices and architectural lighting

A combination of MELLOW LIGHT 5 EM 2/40 W TC-L and MELLOW LIGHT 4 A AB 2/54 W T16 ensures excellent glare control and uniform illumination of horizontal and vertical surfaces in the open office areas. These factors support effective concentration and good working conditions. With its uniform luminance levels, the lighting effect produced by both luminaires is very similar to daylight. The excellent visual conditions ensure that employees feel at ease, both physically and mentally.

The beautifully simple SLOTLIGHT II 49 W T16 complements the architectural design and focuses on providing an outstanding lighting effect throughout the open offices and lobby area. In line with the company profile, Kayson prides itself on innovation, sustainability and quality. With Zumtobel they were able to devise a lighting solution that supports these corporate values.



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