

Comfortable, functional and efficient

A complete lighting offer for healthcare





The healthcare sector has high lighting demands. Understandably so.

As an experienced lighting partner ETAP has everything in house to meet these high expectations:

Comfort

With our extensive lighting offer you can create a pleasant environment for everyone – patients, visitors and medical staff.

Energy-efficiency

Advanced technology and a thorough approach help you to use energy economically, 24 hours a day, 7 days a week.

Customised work for the healthcare sector

ETAP offers customised lighting solutions for wards and solutions with increased protection against water and dust.

Flexibility

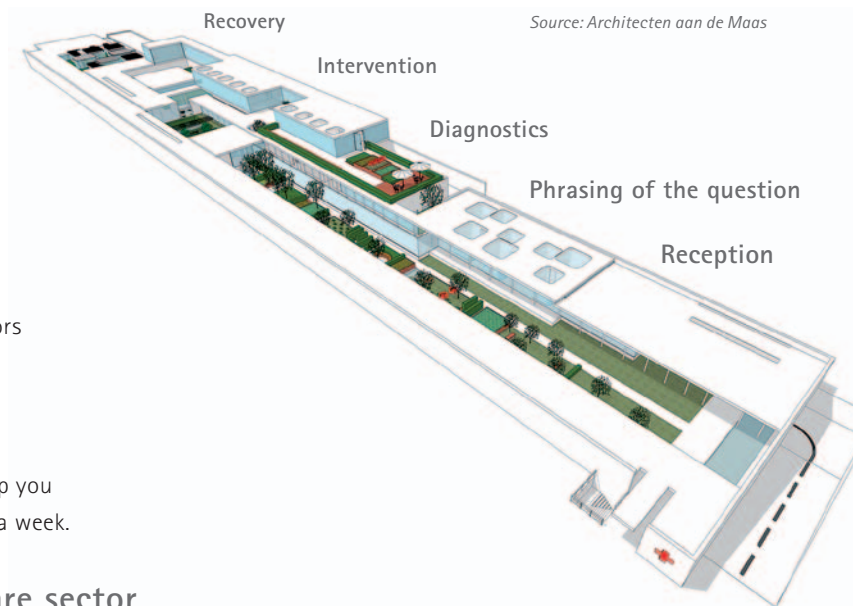
Integration of techniques increases flexibility and brings down the cost of installation and maintenance.

Safety

Our reliable and well-thought-out emergency lighting solutions guarantee faultless operation during power failures and thus swift and efficient evacuation.

ETAP, your experienced partner

An extended range for the medical sector and professional advice of experienced specialists.



Thanks to our extended range, we can offer a customised solution for every area and function in your hospital – from reception areas to wards, from doctor's practices to technical areas.

Certified partner for the care sector

ETAP is certified as a manufacturer of class IIb medical devices according to European directive 93/42/EC.



A pleasant environment for patients, visitors and medical staff alike

Lighting in the medical sector needs to meet the very diverse needs of patients, visitors and employees. ETAP has the systems and know-how in house to comply with every need. Where necessary we combine techniques or fully customise them.

Patients

Everything for a pleasant stay

A pleasant, almost homelike environment promotes the recovery of patients. Pleasant, restful and practical are thus key words for lighting in wards.

A sophisticated combination of direct and indirect light sees to this. We also create an adapted atmosphere with adapted lighting in other areas such as corridors, refectories and waiting areas.

Rest Home Ten Hove, Mol (Belgium)



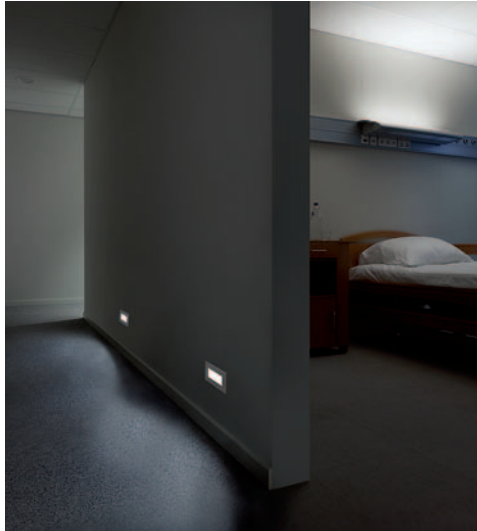
Visitors

An environment that breathes confidence

Decorative lighting gives your reception areas and waiting rooms the right aura. Strategically placed accent lighting supports the signage so that visitors can intuitively and faultlessly find their way through the most complex and large buildings. And adapted lighting in wards gives visitors the confidence that their friends and family are in good hands.



Ambient lighting provides the appropriate lighting effect.



UW orientation lighting with LEDs also ensures safe working conditions at night



ETAP reflectors guarantee high visual comfort in offices and laboratories.

Employees

An optimal lighting solution for every task

Employees need an environment in which they can work comfortably and efficiently. The right lighting ensures that everyone can perform their tasks in the best conditions – doctors and nursing staff as well as employees in administration, laboratories, kitchens, cleaning and maintenance. ETAP develops alongside you the best solution for every workplace: from doctors' surgeries and nursing stations to laboratories, and from offices to technical areas.

Sustainable energy, day and night

Lighting is a very high cost in the medical sector. This not only means a huge savings potential, but also a unique opportunity to put corporate social responsibility in practice.



ETAP has the most energy-efficient luminaires, both with LED and fluorescent



St. Elisabeth hospital, Tilburg (the Netherlands)
ETAP consultants ensure an optimal lighting result with the lowest possible number of luminaires and the lowest possible energy consumption.

In four steps to maximum energy-efficiency

Thanks to ETAP's unique approach you can save up to 75% on the total energy consumption of your lighting.

1

Low-energy luminaires

ETAP gets the maximum out of every luminaire, be it reflectors or diffusers, softlights or LED luminaires. In the design we leave nothing to chance and study all aspects for an optimum efficiency: light sources, shape of the luminaire, materials and components, thermal management, etc. We thus combine the highest return and the best lighting quality for every application.

2

Well thought-out lighting design

Our consultants look for the best layout and lamp position for an optimum light distribution in every room. The result is optimal lighting with a minimum number of luminaires. We take into account EN12464 recommendations for the different medical areas. We combine our findings in a well documented illumination study, with clear plans and a financial comparison of the different alternatives.

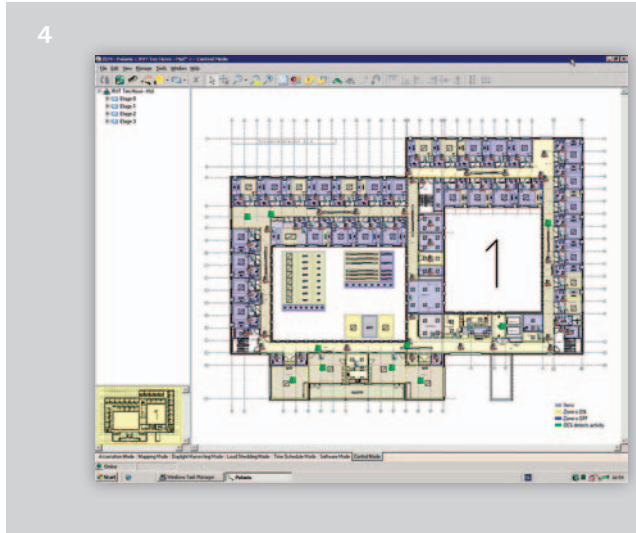
Become a GreenLight partner with ETAP



GreenLight is a voluntary programme of the European Commission whereby private and public organisations are encouraged to install energy-efficient lighting in their buildings. Dozens of ETAP customers can already boast the GreenLight certificate of the European Commission. Will you be next?



Light control systems in the luminaire always ensure the right lighting level



The ELM light control system combines 6 different saving strategies in your whole building.

3

Light control based on effective requirements, night and day.

The right amount of light in the right location and the right time, that's the next challenge. Daylight and movement sensors gear the amount of light to effective requirements. Nothing more, nothing less. Because the visual comfort of patients, visitors or employees should never be compromised.

4

Central lighting management for your entire building

Hospitals are often big, complex buildings. A central lighting management system is no unnecessary luxury. ELM, the management system of ETAP subsidiary Excellum, combines different savings strategies: intelligent time control, daylight linking, the right light for every job, movement detection, individual control and peak capacity limitation. This allows you to quickly respond to changing lighting needs, while at the same time achieving the optimal combination of energy efficiency and lighting comfort. ELM can be easily used with your existing building management systems.

Lighting for wards

The luminaires from the Medilux® range for wards combine direct and indirect light. They take into account the various lighting needs:

- General lighting
- Reading lighting
- Examination lighting
- Night lighting



Doctors can direct the light onto the patient when they are examining patients.

U5 in IP65 version

Central Lab Bloodtransfusion, Amsterdam (the Netherlands)

Luminaires in IP version, with flat underside for easy cleaning, maintenance is done on the upper side.

D1 downlight



Dust- and waterproof luminaires

For medical areas such as laboratories, clean rooms and operation rooms, ETAP offers countless solutions with increased protection against water and dust (IP class). This ranges from downlights that only offer increased IP protection on the underside of the ceiling to luminaires that fully satisfy IP65 on all sides.

Our range of recessed luminaires for the medical sector is easy to clean, with an equal surface and a minimum of notches and empty spaces where dust and dirt can remain.



Customised channel with Medilux® lighting and various medical supplies



Medilux® luminaire fitted with electrical supplies

Medical care systems

In addition to lighting luminaires, within the Medilux® range ETAP also offers two certified medical care systems. Both can be fitted with all possible electrical and medical supplies: sockets, medical gases, paging systems and so on. We elaborate these systems on a fully customised basis: you define what components you need and we integrate them into an adapted solution. You also define colours, materials and design yourself.

Medical techniques in modern clothing



Integrated solutions create freedom and bring down the installation cost

ETAP develops its lighting luminaires with an optimum integration of techniques in mind. Sensors, emergency lighting, air handling or even loudspeaker systems can be integrated in the luminaire at your request. This means more freedom for architects or building managers and lower installation and maintenance costs. Also in terms of installation possibilities our luminaires offer more flexibility. If desired, we can even make bespoke luminaires, which is often the best solution when renovating.

Dynamic light

Dynamic light allows you to vary the intensity, colour and distribution of the light according to particular scenarios. ETAP offers all building blocks for dynamic light in the medical sector. You draw up the light scenarios with your medical specialists, and we translate them into a practical solution.

UCL hospital, Woluwe (Belgium)
Dynamic light





Recessed luminaire with air extraction



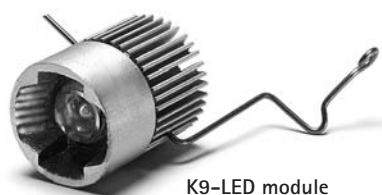
Blood and tissue bank Catalonia
Luminaires with K9 emergency module and luminaires with extra IP protection.

Integration of building techniques

The integration of techniques for air handling or energy saving, solutions against sound carryover, etc., simplifies installation. There are less installation points, less design perforations in ceiling and walls, and therefore also lower costs. Maintenance, repair and cleaning are also easier. And the ceiling looks much nicer.

Integration of emergency lighting

As a specialist in both lighting and emergency lighting, ETAP is in a very good position to integrate these two techniques. This is possible with integrated emergency units and the K9-LED module.



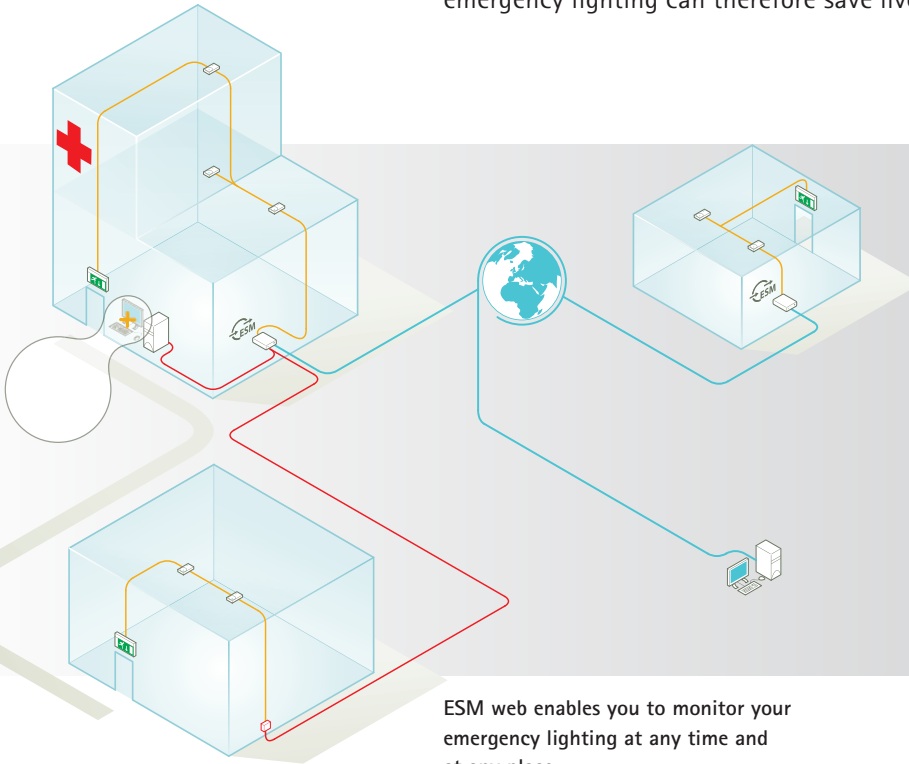
K9-LED module

Bespoke luminaires

Our experienced development team and flexible production process allow us to meet this demand for bespoke products, both in terms of lighting and emergency lighting. You can specify the shape, colour, photometry, dimensions or electrical connection.

Reliable emergency lighting saves lives

At all times a lot of people are in the buildings, all day, every day. It often concerns visitors who are not always familiar with the buildings or patients who are not very mobile. This makes a rapid and efficient evacuation in emergency situations crucial. Reliable and well thought-out emergency lighting can therefore save lives.



ETAP emergency lighting luminaires can be unobtrusively integrated in your architecture.

Reliable

Because you want to be sure of your emergency lighting

ETAP only uses tried and tested technologies to guarantee the reliability of its emergency lighting. Our luminaires are equipped with automatic self-tests (EST+) to ensure faultless operation at all times. Thanks to our central management system ESM (ETAP Safety Manager) you can view the status of your emergency lighting at all times and efficiently schedule any maintenance and repairs.

Unobtrusive

In perfect harmony with your architecture

Emergency lighting does not have to intrude on your architecture. ETAP has a wide range of unobtrusive luminaires. Moreover, LED emergency modules or emergency units can be built into the lighting luminaires. It reduces the number of fixing areas in your ceiling, and ensures a nicely integrated whole.

Well thought-out

More safety, less investment

Emergency lighting primarily needs to make a rapid and efficient evacuation possible. The lighting of escape routes and the installation of anti-panic lighting requires a well thought-out approach. Maintained LED luminaires provide energy-efficient night passage lighting. Our experience and know-how result in maximum safety with a minimum of luminaires, thanks to our advanced photometry. And that means more safety and less investment.



Because of advanced photometrics, you need fewer luminaires for escape route lighting.



UZA, Edegem (Belgium)

Everything for a quick evacuation

- Signage
- Anti-panic and escape route lighting

Available in all possible versions

- Maintained and non-maintained
- Surface-mounted or recessed
- Plastic or aluminium
- LEDs or fluorescent lamps
- Centralised or self-contained battery systems
- IP and IK series available
- Central management and control
- Wired and wireless communication
- Indoor and outdoor lighting

Environmentally friendly

- Low power consumption
- NiMH batteries
- Recyclable materials

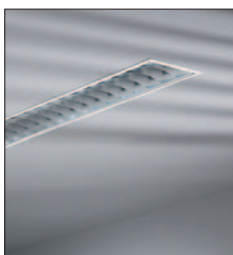


ETAP, your experienced partner

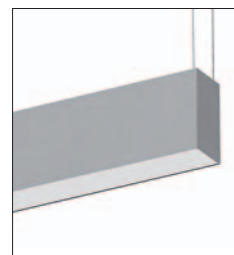
A full range for the medical
sector including professional advice.

A full range for all your lighting requirements

Surface-
mounted,
recessed
and
suspended
luminaires



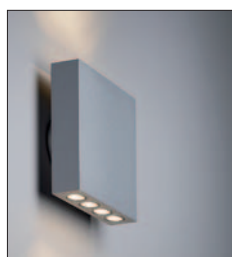
Modular
systems



Downlights
and spots
commercial



Wall and
decorative



Projects all over Europe

ETAP has several great references in the medical sector, all over Europe, both for renovation and new construction.

- Asklepios-Seesen, Germany
- Banco de sangre de Cataluña, Spain
- Barrierefreies Wohnen - Wesel, Germany
- Centralsjukhuset - Kristianstad, Sweden
- Centro de Salud Sanchinarro - Madrid, Spain
- CHU - Grenoble, France
- Clínica San Roque Sur - Canarias, Spain
- Clinique - Ambérieu, France
- Clinique Pasteur - Toulouse, France
- Clinique St. Jean - Brussels, Belgium
- Erasmus Medisch Centrum - Rotterdam, the Netherlands
- Helsingborgs Lasarett - Helsingborg, Sweden
- Hôpital Henri Mondor - Creteil, France
- Hôpital Montfort-l'Amaury - l'Amaury-Montfort, France
- Hôpital Saint Anne - Paris, France
- Hospital de Boavista - Porto, Portugal
- Hospital de Caxais - Caxais, Portugal
- Hospital Lusíadas - Lisbon, Portugal
- Karolinska Universitetssjukhuset - Solna, Sweden
- Klinikum Rosenheim - Rosenheim, Germany
- KSS Kärnsjukhuset - Skövde, Sweden
- Laboratorios Esteve - Barcelona, Spain
- Lar Idosos de Alcácer do Sal - Alcácer do Sal, Portugal
- Maternidade Alfredo da Costa - Lisbon, Portugal
- RVT Ten Hove - Mol, Belgium
- Sanquin - Amsterdam, the Netherlands
- Senioren-Residenz - Wallberg, Germany
- Skånes Universitetssjukhus - Lund, Sweden
- Skånes Universitetssjukhus - Malmö, Sweden
- St. Elizabeth Ziekenhuis - Tilburg, the Netherlands
- St. Joseph Stift - Dresden, Germany
- St. Vincentiusziekenhuis - Antwerp, Belgium
- Stiftung Friedehorst - Bremen, Germany
- Thelma Golding Health Centre - Swindon Wiltshire, United Kingdom
- UCL - Woluwe, Belgium
- UMC St. Radboud - Nijmegen, the Netherlands
- UMC Ziekenhuis - Utrecht, the Netherlands
- UZA - Edegem, Belgium
- UZ Gasthuisberg - Louvain, Belgium
- VU Medisch Centrum - Amsterdam, the Netherlands

High protection level



Medical systems



Emergency lighting



Comfortable, functional and efficient



Our consultants will gladly help you

ETAP consultants have years of experience and for every project look for the perfect balance between comfort, safety, energy-efficiency, design and budget.

- Extensive light advice
- Direct contact with our lighting specialists
- Close co-operation with building owners, architects and installers
- Comprehensive project approach

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