The right light for the office
The importance of good office lighting
There are many ways to illuminate an office environment. For decades we have designed innovative lighting products and concepts, aiming to improve work place lighting, taking special care of individual needs.

Good office lighting reduces the risk of health problems, increases safety, and enhances productivity. It contributes to comfortable, flexible and stimulating working environments. And it saves energy and money.

The Glamox Luxo office lighting concept means

- Individually adjusted workplace lighting
- Energy saving products and solutions
- Maximum flexibility for users and building owners

**Individually adjusted workplace lighting**
People have different needs, depending on their age and the type of work they do. We offer modern lighting products which allow for individual light adjustment, including ergonomic desk top task lights, free standing uplights, and sophisticated general lighting products with modern lighting control features.

**Energy saving products and solutions**
We have long been forerunners in the development of energy saving products based on the newest technology available, such as LED modules, T5 lamps and HF electronic ballasts. Since electricity is by far the largest expense in office lighting, investments in energy efficient products are quickly paid off.

**Maximum flexibility for users and building owners**
With our lighting solutions it is easy to move work stations and make changes to the layout of an office. Work stations lit by Glamox Luxo are easily adapted to new users. This is particularly attractive for companies with changing dynamics, where office layouts are regularly altered.

**The world’s most energy efficient office lighting solutions!**
Example: by combining Reed with one of our low energy LED task lights it is possible to create solutions that are perfect for each individual, while saving energy and money. In a modular office of 10 m² a 1x35W Reed plus a 6W Ovelo task light will have an energy consumption of less than 3W per m², and still provide the required light according to the standard EN 12464.

More details on page 9.
Workstation lighting is much more important than most people imagine. Our working environment, work performance and wellbeing are affected by light.

A whole range of unwanted aches and pains, headaches, neck and back ailments and eyestrain can be attributed to poor lighting. This is because the body compensates for poor lighting: We adopt unhealthy postures in order to see well.

Office lighting solutions from Glamox Luxo are designed to prevent these problems, by combining excellent general lighting with individual lighting control.

Energy efficient task lights – a key to reduce general lighting

During the last few years we have designed, developed and manufactured a new generation of task lights, using Light Emitting Diodes (LED) instead of traditional light sources. They use only a fraction of the energy required by traditional lamps, and provide excellent light output and bright, warm light.

By placing a task light at each work station we are not only providing the individual with a good and ergonomically correct lighting solution. It also makes it possible to make a substantial reduction of the general lighting in the room.

Individual needs

People have different needs, depending on their age and the type of work they do. For example, reading papers requires much more light than computer work. Modern light control features built into the luminaries allow for individual light adjustment at a very low cost.

The amount of light you need changes with age. A 60 year old requires 3-6 times as much light as a 20 year old.

A personal task light is one of the most important factors for achieving a good working environment. Ergonomically designed desk lights distribute light evenly across the working area. Importantly they prevent glare and reflection and will not cause any discomfort to colleagues. The even light distribution eases the transition between light and dark areas on the working surface and allows your eyes to work in a constant, comfortable light.
Our products are engineered with efficient reflectors and quality optics, using energy efficient electronic components and light sources. All our general lighting products are available with sensor technology and modern light management systems that make it possible to create different zones and settings in a dynamic office environment.

**Energy saving light control**

Daylight detection
Daylight detection sensors dim the light when the sun is shining through the windows. Of course, daylight is our optimal source of light. Contemporary architecture tends to exploit this by offering solutions that let a maximum of daylight into the building. Automatic dimming through daylight detection is a real money saver in any commercial building!

Presence detection
Presence detectors turn off the light when a work station is vacated. This is particularly effective in cell offices, where savings of more than 50% can be documented. Presence detection is an efficient energy saving measure in corridors, hallways and other areas that are not in constant use.

Freedom to move
In companies with changing dynamics, office layouts are regularly altered. This combination of free standing uplights and task lights is easy to install and move around, and can easily be positioned to suit the needs of each individual. This is perfect for dynamic organizations.
Here are two examples of energy efficient modular office solutions using a combination of modern general lighting products and ergonomic LED task lights. Both solutions provide correct light according to the new requirements of the EN 12464 standard.

### The world’s most energy efficient office lighting solutions!

#### EXAMPLE 1: 10.4 M² MODULAR OFFICE WITH RECESSED LUMINAIRE AND LED TASK LIGHT

This solution with a recessed Module luminaire provides ample direct light and an uncluttered, aesthetic look to the office space, offering clean lines and excellent general lighting. The microprismatic optics diffuses the light with soft transitions between surfaces in the room. The combination with an LED task light makes for excellent workstation lighting. A recessed luminaire is a particularly good choice in offices with low ceilings.

#### EXAMPLE 2: 10.4 M² MODULAR OFFICE WITH PENDANT LUMINAIRE AND LED TASK LIGHT

A pendant luminaire has a combination of direct and indirect light distribution, providing pleasant general lighting as well as workstation lighting, when positioned correctly. Light is reflected from the ceiling, and adds to the ambiance of the office space. The LED task light provides a focussed pool of light right where it’s needed. This combination with a single lamp Reed luminaire is particularly energy efficient.

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**Glamox C30/RO recessed luminaries**

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**Perfect balance**

The Glamox C30 series offers an optimal balance between direct and diffused light. A large lighting surface is combined with effective central optics. The even light distribution in combination with focused downlight provides comfortable working light with maximum effect and minimum glare.
EXAMPLE 3: 96 M² OPEN PLAN OFFICE WITH RECESSED LUMINAIRES AND LED TASK LIGHTS

Luminaires recessed into the ceiling provide direct light and an uncluttered, aesthetic look, with clean lines and excellent general lighting. Because of the microprismatic optics, which reduces luminance and glare and offers soft transitions between surfaces in the room, it is possible to move workstations around within the open plan office. The addition of LED task lights ensures optimal lighting conditions at each desk.

EXAMPLE 4: 96 M² OPEN PLAN OFFICE WITH FREE STANDING LUMINAIRES AND LED TASK LIGHTS

Full flexibility and low installation costs are the characteristics of the free standing luminaire, which can easily be unplugged and moved. A combination of direct and indirect light distribution provides pleasant general lighting as well as excellent workstation lighting, particularly when combined with one of our LED task lights. The microprismatic optics in the LEVIT free standing luminaire contributes to the flexibility of the overall lighting solution.

EXAMPLE 5: 96 M² OPEN PLAN OFFICE WITH PENDANT LUMINAIRES AND LED TASK LIGHTS

Pendant luminaires combine direct and indirect light distribution, providing pleasant general lighting as well as workstation lighting. Light is reflected from the ceiling, and adds to the ambience of the office space. This solution combined with a single lamp fixed luminaire is particularly energy efficient. The microprismatic optics makes it possible to move workstations around within the open plan office, without relocating the luminaires.

EXAMPLE 6: 96 M² OPEN PLAN OFFICE WITH RECESSED AND PENDANT LUMINAIRES

This combination of recessed and pendant luminaires is both efficient and attractive, combining direct and indirect light distribution with energy efficiency and aesthetics. The C30 luminaires are recessed within the walkway areas, offering a pleasant balance between direct and diffused light. The pendant luminaires are placed above each workstation, and are equipped with pull switches for individual light adjustment.

Four examples of energy efficient solutions for open plan offices, using modern general lighting products, ergonomic LED task lights and/or sophisticated light management systems. All solutions provide correct light according to the new requirements of the EN 12464 standard.

The world’s most energy efficient office lighting solutions!

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The world’s most energy efficient office lighting solutions!
There’s more to an office...

A modern office environment consists of much more than individual work stations in modular or open plan offices. We offer complete lighting solutions for the entire building.

Corridors
It is estimated that more than 30 per cent of modern commercial buildings consist of corridors, stairwells, hallways and other open spaces. This requires clever lighting solutions that take functionality and energy consumption into account. Downlights are often a good choice for these areas.

In corridors, where there rarely is furniture or other features providing character, light becomes particularly important. A good lighting solution should provide a feeling of space and direction, and contribute to safe and effective movement. We also offer a range of emergency lighting options.

Meeting rooms
Meeting rooms require flexible lighting solutions adaptable to the task at hand. Reading and writing documents requires good lighting conditions, while projector work is best carried out when the lights are dimmed. Whiteboards have special light requirements, while laptop computers are sensitive to glare.

For meeting rooms we tend to recommend pendant or recessed luminaires for general lighting purposes, in combination with accent lighting for decorative effects. Light control is particularly important. Remote controls and programmed lighting scenarios are simple and attractive measures in meeting rooms.

Receptions
The reception offers visitors an important first impression. Clever use of light can greatly add to the impression of a pleasant and welcoming reception area. A combination of general and accent lighting highlights detail, providing a good solution – making the reception area a natural meeting point for all.

Receptions are also a place of work for the receptionists. An individually adjustable task light for each work station is as natural as adjustable chairs.

The power of LED
30 per cent of modern commercial buildings consist of corridors, stairwells, hallways and other open spaces. Downlights are often a good choice for these areas. Our new downlights with LED the D20 and Travel series have remarkable efficiency, offering savings of 20-30% of the energy used by traditional downlights. Because of the long life expectancy of our LED light sources, these products are virtually maintenance free.
Product Guide

LED task lights
Free standing luminaires
Pendant luminaires
Recessed luminaires
LED downlights

Individually adjustable workplace lighting.

In this open plan office all lighting products are individually adjustable. The pendant luminaires have pull switch dimmers, and are equipped with presence and daylight detection sensors. The ergonomic task lights are dimmable, and equipped with shut-off timers. Such light control features create excellent working conditions, and greatly contribute to lower energy costs.
LED task lights

Ninety
Ninety has won many international awards for its design and functionality. It is extremely energy efficient. Using only four 1.5W light emitting diodes (LEDs), Ninety offers a bright, warm light while saving energy. Ninety is dimmable, has a very flexible lamp head, and can be equipped with an ingenious double action rotating table base, wall/rail bracket or table insert bracket.

Colours: White, black or silver grey

Air LED
Air LED is a modern classic in the Luxo tradition, with a patented spring balanced arm for maximum reach and flexibility. It is designed so that the lamp head will always remain parallel with the surface of your desk. It has a sculptural shape, perfect balance, and smooth movements that make it feel feather light – in spite of its steel construction.

Colours: White, black or silver grey

Ovelo
With its unique design and all metal construction, this impressive task light will stand out in any office environment. It has a particularly good light output, and an arm with covered spring design, long wash and great flexibility. Yet its overall size is modest. Ovelo uses modern dimmable diodes with a total of 6W. It even has a timer. Ovelo automatically turns itself off after 8 hours in order to save energy.

Colours: White, black or silver grey

Terea
Our compact task light features the latest in low energy LED technology. Its elegant form and slim shape makes it particularly suitable for small work areas. It has a very satisfying light output, and ergonomic details which ensure optimal computer workstation lighting. Terea combines energy efficiency, ergonomics and compact design for incomparable value.

Colours: Black or silver grey

Free standing luminaires

Levit
Levit is a new free standing luminaire, combining energy efficient features and microprismatic optics with excellent light output and good design features. Some of the light is transmitted sideways through a thick acrylic plate, providing pleasing effects. Levit is available in grey, black or white, with single or double head. A new feature is the optional addition of two 4W LED modules at the front end of the head, providing an asymmetric spot or task light functionality.

Supplied with 2m cable and plug. Levit is dimmable as standard. Sensors are available. A complete overview of accessories can be found on our web site.

Colours: White, black or silver grey
Pendant luminaires

Reed
This new pendant luminaire has a remarkably slim and elegant shape, and an all-aluminium finish with attractive details. Reed is available in black, white and silver grey. Inside its slim body rests a single T5 lamp. The T5 lamp, in combination with a silver reflector and high-quality microprismatic optics makes Reed one of the most energy efficient pendant luminaires on the market today.

Supplied with 2.5m connection cord and 2m wire suspension. Reed is available with a range of sensors, dimming alternatives and LED emergency lights. A complete overview of options and accessories can be found on our web site.

Colours: White, black or silver grey

Glanox C20-P4
Glanox C20-P4 has a modern, minimalist design that strengthens the bridge between light and architecture. This, in combination with quality materials and finish, means that C20-P4 will be an attractive element in any project. It comes in a wide variety of very efficient optics, and is a most functional element in workplace lighting in offices and educational buildings.

Supplied with 2.5m connection cable and 2m wire suspension. It is available with sensors, dimming alternatives and LED emergency lights. A complete overview of options and accessories can be found on our web site.

Colours: White or grey

Microprismatic optics means added flexibility
Most of the products in this product guide are available with microprismatic optics. The unique composition of the microprismatic material we use greatly reduces luminance and glare, not only from recessed luminaires, but also from pendant, ceiling and free standing floor luminaires. The glare reduction qualities of our microprismatic optics offer maximum flexibility with regard to the positioning of work stations.
Modul Micro

Modul Micro is a series of recessed luminaires with microprismatic optics. These luminaires are mounted completely flush with the ceiling. One could say that they are “invisible”. Still they provide excellent light output, and an impression of light coming straight through the ceiling. The result is very impressive indeed! The unique composition of the microprismatic material greatly reduces glare. This gives maximum freedom when planning lighting solutions for modern office environments.

Supplied with 2.5 m connection cord and HF ballast as standard. Modul Micro is available with a range of sensors and dimming alternatives, as well as emergency lighting. A complete overview of options and accessories can be found on our web site.

Glamox C30

The Glamox C30 family of recessed luminaires offers an optimal balance between direct and diffused light. A large lighting surface is combined with effective central optics. The even light distribution in combination with focused downlight provides comfortable working light with maximum effect and minimum glare.

Glamox C30 comes in a wide variety of models with different designs and optics as well as mounting options for different types of ceilings. There is also a version that protrudes slightly from the ceiling, thus lighting the ceiling as well as the walls.

Supplied with Linect® pluggable system as standard, the C30 offers a tool-free, plug and play mounting. Glamox C30 is available with a range of sensors and dimming alternatives, as well as emergency lighting. A complete overview of options can be found on our web site.
LED downlights

Glamox D20 LED
The popular D20 downlight family has been expanded with an energy efficient LED version. Glamox D20 LED is a stylish and functional downlight delivered as one complete unit with the Linect® quick connection system. It is available with square or circular reflectors, and comes in two different sizes and two different lamp options, 1100 lumen and 2000 lumen.

Glamox D20 LED comes in two different colour temperatures, or with CCT functionality that makes it possible to regulate the colour temperature. An RGB version provides access to all colour combinations.

Glamox D20 LED is available as dimmable, and with a large range of decorative accessories, as well as sensors and emergency lighting. A complete overview of options and accessories can be found on our web site.

TraveLED
TraveLED is a highly efficient all aluminium LED downlight with square or circular reflector, available in black, white or silver grey. The square downlight is offered with a choice of wide or narrow beam. TraveLED is available with two different LED modules providing either 1100 lumen or 2000 lumen, and a choice of colour temperature (3000K or 4000K). It comes with a unique “tilt and click” mounting system with magnets for easy installation.

TraveLED is available with additional optics and decorative features, as well as sensors and emergency lighting. A complete overview of options and accessories can be found on our web site.

Colours: White, black or silver grey

These products are prepared for Linect® quick connection system.
Light influences people. The right lighting solutions help create the experience of comfortable, flexible and stimulating working environments – enhancing efficiency and performance, while taking care of individual needs. Glamox Luxo Lighting is a leading supplier of lighting solutions, offering complete product ranges for education, healthcare facilities, commercial and industrial buildings. Our products are engineered for easy mounting, with modern electronic components and the best energy efficiency and economical light sources. Our solutions are based on utilizing the latest technology and generations of experience.