



Teknion conflux



Conflux™ illuminates architecture and space, work and life. Conflux is a comprehensive line of lighting designed to derive optimal capability from advanced LED technology and to distribute light via a simple form appropriate for modern office environments. Created by designer Carl Gustav Magnusson, Conflux is a visually and technically sophisticated solution for use throughout the office as a desk lamp, floor lamp or under-shelf lamp.

A model of clarity and simplicity, Conflux supports the architectural intent of the space in which it lives through a quiet, composed presence. Its slender profile never adds to visual clutter. Conflux also sustains aesthetic unity with Teknion furniture and the Complements program of ergonomic and workflow accessories.

LED technology raises the bar for lighting in the contract market by meeting a wider range of basic needs. It offers a compact size, controllable light and a lower thermal temperature. The light also reduces energy consumption, offers a life span of up to 50,000 hours and, at end of life cycle, the potential to recycle materials. Conflux condenses this complex technology into a light that is simply beautiful and a pleasure to use.

The multiple advantages of LED lighting over traditional light sources — lower cost, long life span and smaller environmental footprint — are transforming the landscape of office lighting. Conflux advances LED technology a step further with an industry-first flat panel light with added benefit:

- Produces a better quality light with less shadows and minimal glare.

- Innovative micro-etched light guide diffuses light over a larger area, eliminating the multiple shadows often created by LED lights.
- Warm white light closely replicates sunlight, providing a superior quality of light over fluorescent bulbs.
- Requires only 9 watts of power to generate 800 LUX of lighting, a significant improvement in efficiency.

#### Aesthetics

**Conflux elevates the aesthetics of LED lighting.** With its refined lines and precise details, Conflux suits any architectural context and acts as an antidote to the visual clutter of busy work areas. The simple anodized aluminum profile incorporates subtle arcs that soften its angles, while the control console of molded glass has an appealing luminosity and tactility that invite the user to connect with the light.

Conflux is a simple, logical solution for a work force that understands design and stipulates that green design is among the tenets of good design:

- Visual emphasis on simplicity and precision.

- Minimal components are aligned with sustainable principles.
- Echoes of classic design in the elegant mix of materials.

#### Application

Conflux is a multi-purpose LED light. The Conflux family of lighting is a comprehensive solution to the need for multiple lighting fixture types that ensure proper illumination in the work environment. Conflux is a freestanding floor lamp, a desk lamp or one that may be mounted under overhead cabinets and on a panel wall. It offers illumination for head-down work in the private office and in a collaborative context gives users control over how light is distributed at a shared worktable. Conflux is appropriate for virtually any workstation or task in corporate, institutional, hospitality and residential environments.

#### Functionality

A confident handling of advanced LED technology, Conflux offers a pleasing simplicity that creates a positive interactive experience. The aluminum stem encases a mechanism that allows for smooth adjustment of the light and secure fixing at the

desired position. Move it up or down; tilt the blade or move it directly over the work at hand. Conflux is the first LED lamp to use passive infrared (PIR) technology to sense occupancy on either side of the lamp by accepting the body's radiant heat, reducing the frequency of "false" shut-downs that frequently occur with sensors that rely on motion.

- Height adjustable stem allows concentration or diffusion of light.
- Blade pivots to redirect light as desired.
- Users can choose the intensity of light to fit the task and location.
- PIR-based occupancy sensor is set to a determined interval of time the lamp remains lit after the work area becomes vacant, thus saving energy.
- The Conflux PIR system provides 360-degree coverage, sensing occupancy around the station and preventing shut-downs when others remain in proximity.
- The PIR may be disabled in team areas where several users share the light source.

#### Technology

A light-emitting diode (LED) is a semiconductor light source that today is being used as a replacement for traditional light sources due to its greater efficiency, smaller

size and long life, particularly in environments subject to frequent on-off cycling such as the modern office. In addition, LED lights emit very little heat, are difficult to damage and resist shock. Conflux lighting enhances the inherent advantages of LED technology with features that balance greater functionality with economy of form.

- Conflux is the first LED light equipped with a USB outlet.
- A Powermat wireless induction charging system can be incorporated into the base of the lamp, making the Conflux light an autonomous power/light source and virtually replacing the need for cords and adapters.
- Conflux is efficient, economical and environmentally responsible.

#### Design For The Environment

Conflux lights the way with eco-friendly technology. Conflux has been designed and extensively tested to be compatible with the sustainable goals of today's architects, designers and end users. LED light sources offer significant energy savings with a light efficacy that is 6X that of incandescent and double that of CFL lighting. As a cool light source, LED lighting also minimizes air conditioning requirements associated with the ambient heat generated by traditional light sources. The life

of LED lamps is approximately 50K hours vs. 10K hours for incandescent lamps, reducing both costs and material use. Equally, Conflux is engineered to require minimal maintenance and to provide maximum re-use of parts, thus reducing costs and creating minimal waste.

- Conflux is a PVC-free and lead-free product.
- LED lamps emit no harmful ultra-violet light and do not contain hazardous materials like the mercury present in fluorescent lighting and CFL.
- Conflux is 99%-recyclable (by weight).
- The lamp is comprised of four easily assembled components that require minimal packaging for shipping efficiency and end-of-life-cycle recycling.
- GREENGUARD® Certified.
- RoHS compliant (European Union directive that restricts levels of dangerous substances in electronic equipment).
- Pending Energy Star approval.





## Adjustable Task Light

The Conflux Adjustable Task Light condenses complex technology into a simple, svelte form and provides a high quality of light with no multi-shadows or glare.

adjustable range 13"–18"

2.3



USB and Powermat technology

The Conflux adjustable task light incorporates a Powermat wireless induction charging system and a USB port.





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Conflux Floor Lamp

### Conflux Floor Lamp

The Conflux Floor Lamp is ideal for use in private offices, lounge areas and conferencing areas.

adjustable range 42"–50"

Height adjustable

The Conflux Floor Lamp adjusts up and down, as well as tilting to direct light where needed.

Aesthetics

Molded glass control console offers an appealing visual and tactile experience.



## Conflux features

### Height adjustable

Height adjustable aluminum stem allows concentration or diffusion of light.

### Tilt

The Conflux blade tilts to 15 degrees to redirect light as desired.

## Conflux Undercabinet Light

The Undercabinet Light can be mounted under overhead cabinets or on a panel or wall, including Altos and Optos architectural wall systems. Its modular design is easy to install and move.

### Space-efficient

An unobtrusive under-shelf mounted light frees up valuable worksurface space.



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CAN/US/INT 08-11

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BROCHURE DESIGN: VANDERBYL DESIGN  
PRINTED IN CANADA. SBO70012