CIRCADIAN® ZircLight™ with DynamicBlu™ Spectrum Control with Day and NightSafe™ Technology
The Solution for Workplace Health, Wellness, and Productivity

CIRCADIAN® Zirc™ Lights provide the optimal light spectrum by time of day, location, and season to eliminate circadian disruption that has shown to decrease productivity, alertness, increase risk of obesity and diabetes and increase breast and prostate cancer by over 50%. The lights have been installed in Fortune 500 mission-critical facilities and hospitals. Field studies of over one year have demonstrated:

- 67% Error reduction
- 50% Fatigue reduction
- 28% Reduction in obesity and overweight
- 43% Reduction in over-the-counter pain medication

The improved employee health and productivity results in a demonstrated ROI of less than one year. The CIRCADIAN LED Lights have been designed and tested in the CIRCADIAN Medical Research center to mitigate the known risks of workplace lighting confirmed by the National Institutes of Health (NIH) to decrease potential employer liability exposure due to circadian disruption in the workplace.

CIRCADIAN® ZircLight™ with Enlighted Sensors & Controls and CIRCADIAN Workforce Analytics™

CIRCADIAN® ZircLight™ fixtures equipped with Enlighted Micro Sensor fifth-generation sensor, can collect data on employee location, work shift duration to enable time and attendance, work-rest rule compliance and fatigue risk management all in one seamless system.

CIRCADIAN Workforce Fatigue Management System, Plant Engineering Product of the Year 2016, is a robust and verified data analytics system. Circadian helps over half the Fortune 500 companies to predict and manage in real-time employee productivity, reduce accident and injury risk up to 75% and provides time and attendance data. Effectiveness and robustness is documented with over 100,000 employees, with significant reduction in insurance and other costs with a marked increase in productivity and profitability. CIRCADIAN Workforce Analytics Features:

- Decreased absenteeism
- Lower Worker turnover
- Increase morale and labor relations
- Decrease costs for worker medical care and Worker’s Compensation Risk of worker injury or death, environmental damage, and loss of assets due to accidents

The combination of CIRCADIAN® Zirc™ Lights and Enlighted sensors provide a fully integrated Risk Management System to detect employee impairment, intervene in real-time to boost employee alertness, safety and productivity.
About CIRCADIAN® ZircLight™

CIRCADIAN® ZircLight™ intelligent white light fixtures regulate the dosage and timing of bio-active blue light to increase human health and productivity throughout the 24/7 day-night cycle.

CIRCADIAN® ZircLight™ products are fully autonomous light fixtures that can be installed by any qualified electrician and regulate the timing of the bio-active blue light by time of day, season of the year and zip code (i.e. latitude and longitude) for up to 10 years without requiring any changes or additional input. They are specifically designed to boost productivity and decrease absenteeism, turnover, errors, and accidents in workplaces that operate around the clock.

By controlling the bio-active blue dosage, the proprietary CIRCADIAN® LEDs reduce the harmful spectral wavelengths that have been associated with an increase of 35-65% in obesity, diabetes, heart disease, sleep disorders, depression, reproductive disorders and multiple cancers, including breast cancer and prostate cancer. CIRCADIAN® Zirc™ Lights solve the night lighting problem by providing high quality white light 24/7 and avoid the dimming and low color temperature approaches used by other so-called “circadian” lighting products, which do not sufficiently reduce the bio-active blue dosage.