



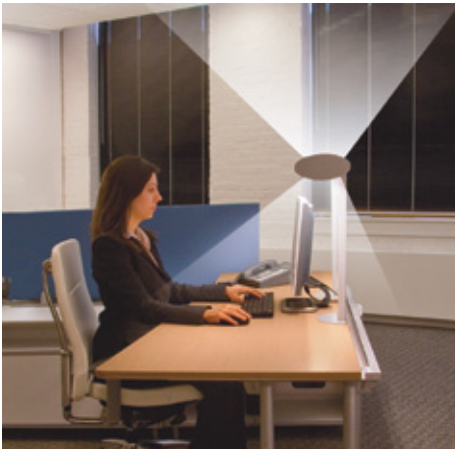
tambient®   
green in any color®

task *and* ambient open plan office lighting ... single lamp  
technology and wireless controls for deep energy savings.

# tambient® ... task *and* ambient lighting in one luminaire

- lights the work surface, panels and ceiling; no need for overhead lighting
- achieves 0.5 w/sf lighting power density, or much less with optional controls - as little as 0.25 w/sf
- exceeds the ASHRAE/IESNA 90.1 office lighting standard
- provides flexibility and portability; no hard wiring means true “plug and play” operation and simple reconfigurations
- installs in minutes for dramatic labor savings
- uses only one T5 lamp per luminaire for extremely easy and economical maintenance
- works in spaces with low ceilings, no ceilings or high ceilings

**tambient** provides proven productivity gains in real dollars by reducing glare, eyestrain and visual distraction.



Occupants experience exceptional visual comfort and satisfaction.



**Syska Hennessey Group, Culver City, CA**  
Architect: Wolcott Architecture | Interiors  
Lighting Design: Syska Hennessey Group  
106 workstations  
All fixtures dim  
Encelium controls



“Why light the task from the ceiling, when you can light the whole space from the desk?”

— Bill Warren, PE, F.I.E.S.  
Willard L. Warren Associates

**tambient**<sup>®</sup>  
green in any color<sup>®</sup>



# controls ... achieve 0.25 watts per square foot

The "plug and play" system accommodates:

- personal dimming
- occupancy response
- daylight response
- demand response

## Control Hub

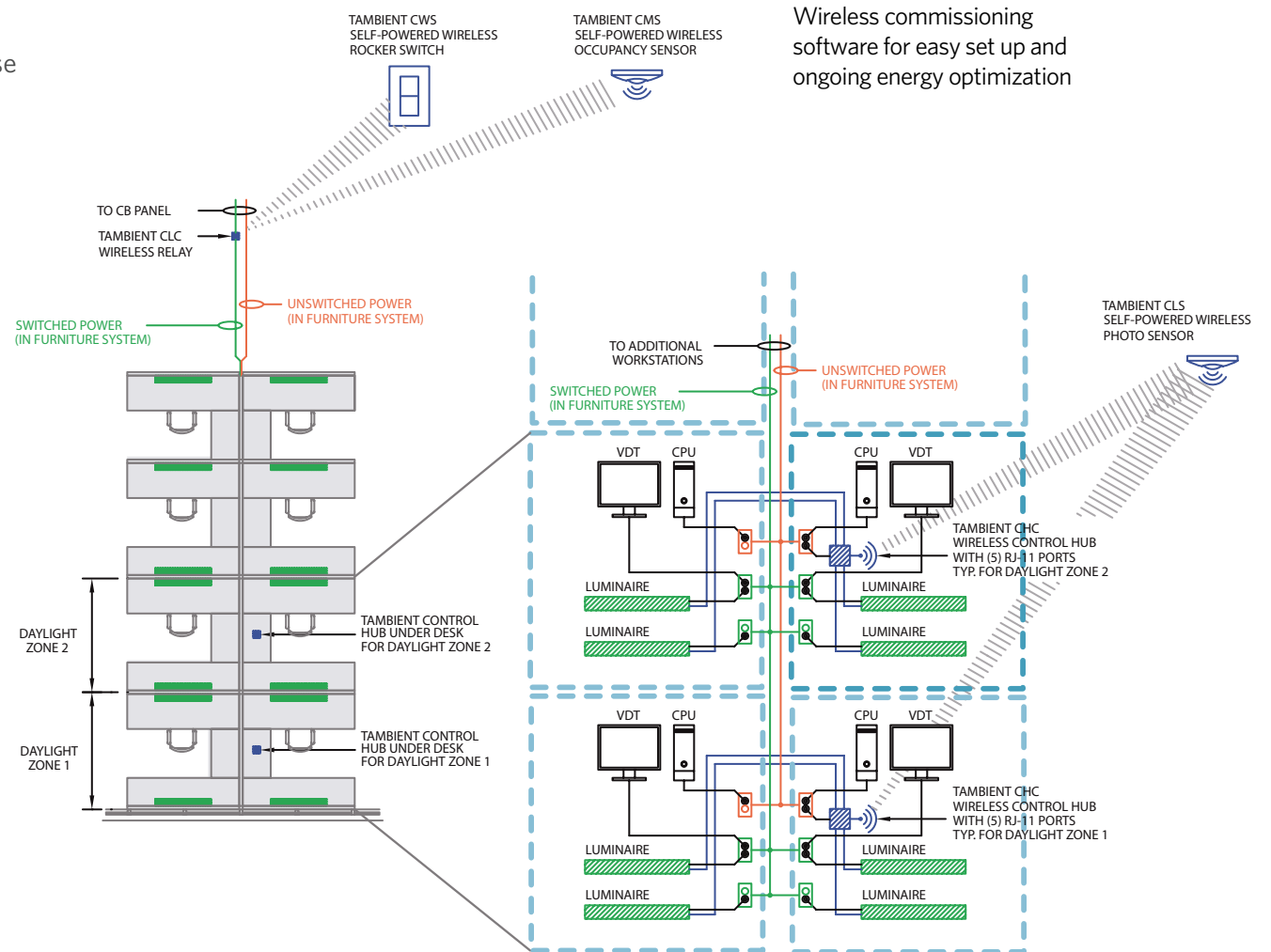
The proprietary Hub Controller communicates wirelessly with self-powered photo and motion sensors. Desk level illuminance and visual comfort are maintained, even when power is reduced. Controls follow the EnOcean Alliance's wireless protocol, the accepted standard for sustainable buildings worldwide.

## Plug Load Control

Self-powered occupancy sensors and wireless switching relays control furniture power circuits that serve **tambient** lighting and other office plug loads.

## Personal Dimming

**tambient** luminaires are available with integral dimmers to adjust the luminance in individual workspaces. The dimming range is preset to deliver a blended level of ambient illumination at neighboring workstations.



Wireless commissioning software for easy set up and ongoing energy optimization

# controls ... simple to program and reprogram for individual fixtures, work clusters or entire floors



**CLC** wireless controller.  
For switching lighting  
and plug load circuits.



**CMS** Self-powered  
wireless occupancy  
sensor. No wiring  
connections; no batteries.



**CLS** Self-powered  
wireless photo sensor.  
No wiring connections;  
no batteries.



**CHC** Dimming control  
hub. Communicates with  
wireless sensors. Dims  
**tambient** luminaires in  
response to daylight via  
plug-and-play control  
cables.




**CWS** Self-powered  
wireless switch. No  
wiring connections; no  
batteries.



ANDY CAULFIELD

**AECOM, Chelmsford, MA**  
Architect and Lighting Design: AECOM  
313 workstations  
0.55 w/sf  
Wireless occupancy zone associations



the **tambient** lighting solution: balanced brightness ... enhanced worker satisfaction ... higher productivity ... savings straight to the bottom line

**for corporate and commercial offices, call centers,  
library, e-learning environments, and government facilities**

**tambient:**

- many styles with a choice of mounting options for any panel system or open landscape environment
- retrofit ready - no ceiling penetration; avoids asbestos abatements in ceilings
- easy maintenance, walk-up lamp and ballast change outs
- applications assistance and field service on staff
- LEED energy credits and contribution to the goals of the Better Buildings Initiative
- energy incentive programs, tax credits and accelerated depreciation allowed
- life cycle and deconstruction design strategies optimized
- full spectrum of colors - standard, RAL or custom matched
- patented, concealed cord management system

**The Lighting Quotient**

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[www.TheLightingQuotient.com](http://www.TheLightingQuotient.com)

**On the Cover:**  
**Glumac Orange County Office, Irvine, CA**

Architect: Gensler

Lighting Design: Glumac

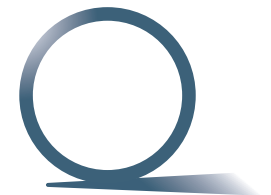
Photography: RMA Architectural Photography

The **tambient** system surpasses California Title 24-2005 connected lighting requirements by 50%. **tambient** luminaires and controls result in total office operational lighting power use between 0.2 and 0.3 w/sf – 74% to 87% better than the standard.

**elliptipar**<sup>®</sup>   
there is no equal<sup>™</sup>

**tambient**<sup>®</sup>   
green in any color<sup>®</sup>

**fraqtir**<sup>™</sup>   
shaping LED science<sup>™</sup>



THE LIGHTING **QUOTIENT**<sup>™</sup>