

Style
L204



Style
L201

Architect: Gensler

Lighting Design: Carlos Inclan, Glumac

Engineer: Jennifer Berg, P.E., Glumac

Photography: RMA Architectural
Photography

Engineering Design Office

Dimensions: 4,537sf studio with 30 open-plan workstations and ceilings at 11'-6" and 22'-0".

Mounting: Custom panel brackets at Teknion *District* workstations and bridge stanchions at collaboration islands.

Workstations: (60) L201-48S4-L-XXXX-T-2X-EX-XX with RJ-11 dimming receptacle and 25W T5 lamps.

Collaboration islands: (6) L204-06S8-H-XXXX-T-0P-0X-XX with hardwired power and dimming connections and 25W T5 lamps.

Illuminance: 30fc-60fc on work surfaces, 15fc-20fc in aisles, 20fc-30fc on ceilings.

Power density: 0.60 W/sf (incl. wallwash). Operates at 0.25-0.30 W/sf during daylight hours via dimming.

tambient Styles L201; L204

Glumac, one of the country's leading sustainable engineering firms, offers innovative designs that preserve architectural integrity while ensuring an efficient building, lower first capital and operating costs and enhanced occupant comfort. The firm's new 8,672 square foot office in Irvine, California embodies Glumac's commitment to a more sustainable built environment.

Deep energy savings are achieved while elevating indoor environmental quality through strategic lighting and integrated automatic controls. As a result, this project is recognized as the first Office of the Future demonstration by the New Buildings Institute and is registered for **LEED Platinum certification**.

Furniture mounted **tambient** luminaires deliver task and ambient illumination from the same lamp. They illuminate ceilings of any height to create comfortably luminous work spaces with remarkably low energy consumption.

Eliminating overhead lighting and wiring simplifies installation and maintenance, eliminates glare, and enhances the loft aesthetic.



In addition to personal control, occupancy sensors communicate wirelessly with controllers to activate and de-activate furniture power circuits and assure that the lighting and VDTs are off when the space is unoccupied.

Self-powered photosensors communicate wirelessly with **tambient** THC-RJ11 5-port hub controllers located under the desks to dim workstation lights in response to available daylight. Luminaire response to daylight varies according to the distance from the windows.



Unique optics distribute light across work surfaces and translucent privacy panels to enhance personal space and task performance. Integral switches and dimmers allow individual users to adjust their workstation lighting.



Bridge supported luminaires mounted on fixed millwork islands are connected to building emergency power circuits to satisfy egress lighting requirements.