Lighting Design Alliance

with the school's various specialized environments. Appropriately, the lighting scheme is as up-to-date as any other technological feature. Classrooms, for example, have a combination of narrow aperture linear fluorescents with perimeter wall washers to provide functional lighting with minimal glare to support computer-oriented tasks, and combine daylight harvesting sensors on the perimeters with occupancy sensors to dim the fluorescents to achieve automatic energy savings. In the lobby, ceiling surface-mounted linear fluorescent downlights are complemented by LED linear striplights to deliver a cohesive design statement that is both functional and timely. Everywhere they go at the Burnham Center campus, students are thus reminded that state-of-the-art lighting is part of experiencing the digital media arts at their best.

Above and left: Classrooms illuminated for computer-oriented tasks

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Reprinted from the book *Corporate Interiors No.10*

Lighting Design Alliance

Lighting Design Alliance
Los Angeles, California

Top right: Exterior with main entrance

Right: Video conference room

Far right: Office area

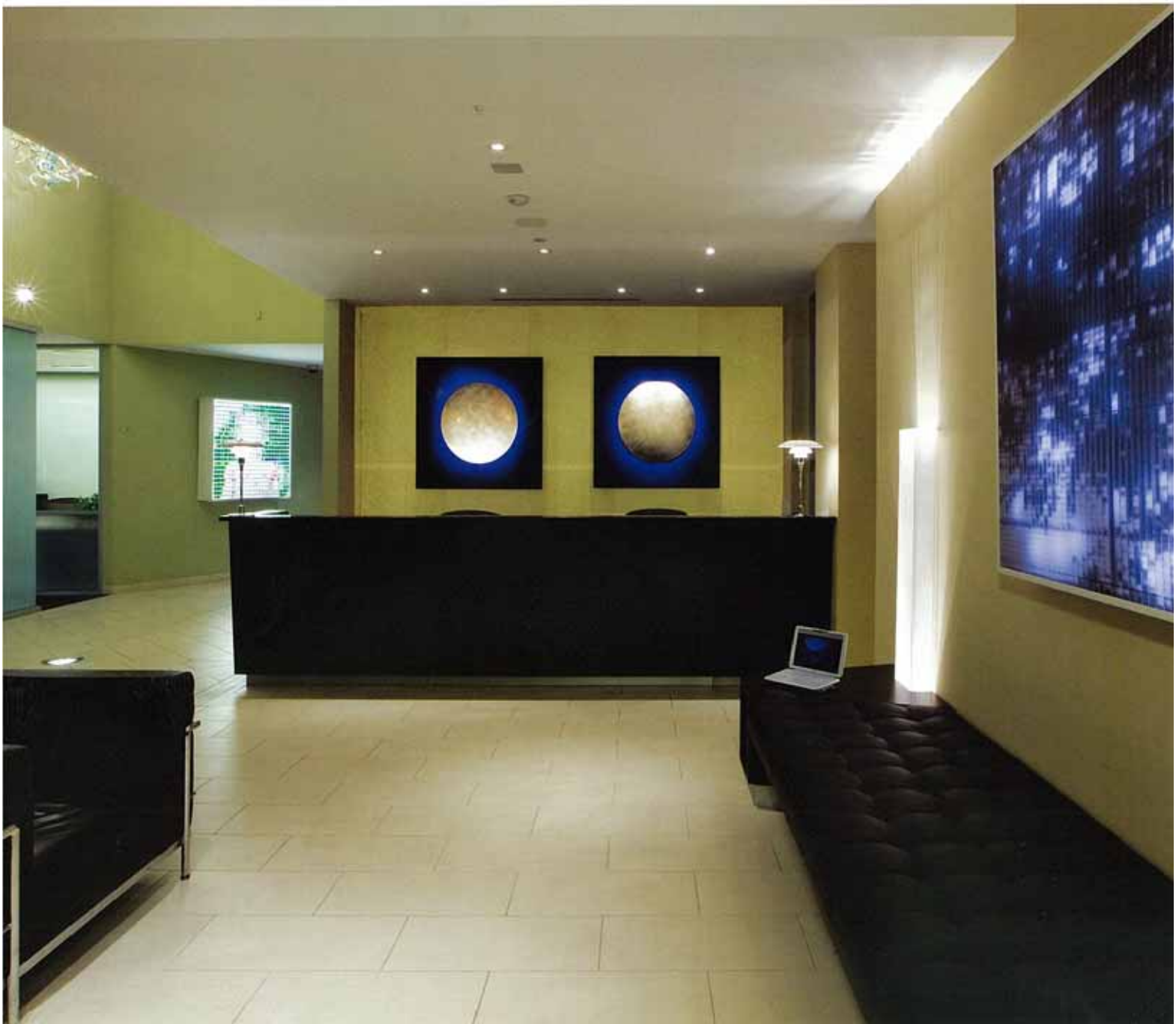
Below: Employee lounge

Photography: RMA Architectural Photography

In a classic Cinderella-style transformation, Lighting Design Alliance has turned a dark, windowless warehouse in Long Beach, California once used to manufacture automobile wheel rims into a spacious, effective and inspiring lighting educational center for clients, architects and lighting design students as well as the Los Angeles office for its own staff. The transformation was all but inevitable, given that LDA is an internationally known lighting design firm actively involved with environmental design that chose to treat the conversion of the two-story, 20,000-square-foot facility as a special opportunity to practice what it preaches. Even so, the results are very impressive. Each element of the facility, designed by Lighting Design Alliance as lighting designer with design group Carl Ross as interior designer, functions as a showcase for new lighting technologies and techniques, Not only does it demonstrate nearly every new type of lighting technology on the market today, from the color-changing LED skylight to the solar-fed fiber optic accent lights, it fully integrates passive and active daylighting to sharply reduce energy consumption, making it one of the most energy-efficient buildings in California. Yet the renovated facility is also

Lighting Design Alliance

the product of careful thinking about its architecture and interior design. A generous, two-story-high entry with a soaring ceiling was added to the front of the existing structure, for example, to increase its scale and make it more inviting. Fifty-two skylights have been incorporated in the building, using triple-layered heat-stopping acrylic or double-paned low-e glass to maximize daylight and minimize heat gain. A bright central corridor equipped with a frosted acrylic ceiling system spans the entire length of the interior, from the lobby to the rear exit, illuminated by a clear, continuous skylight. An employee lounge featuring a billiard table, video games, and foosball tables is one of a number of popular staff amenities that offer respite from long hours of intensive work. At the same time, LDA's Los Angeles office represents an outstanding example of low-carbon-footprint real estate. With 100 percent daylight in work areas, photovoltaic panels, active sun tracking skylight and active daylight monitoring systems, daylight fiber-optic systems, electric lighting with full dimming and daylight harvesting capabilities and exterior solar shutters, the building is an incomparable testing laboratory for sustainability as well as an inspirational showcase of lighting design.



Right: Open plan workstations

Below right: Hallway

Bottom right: Conference room with nighttime lighting scheme

Below left: Reception

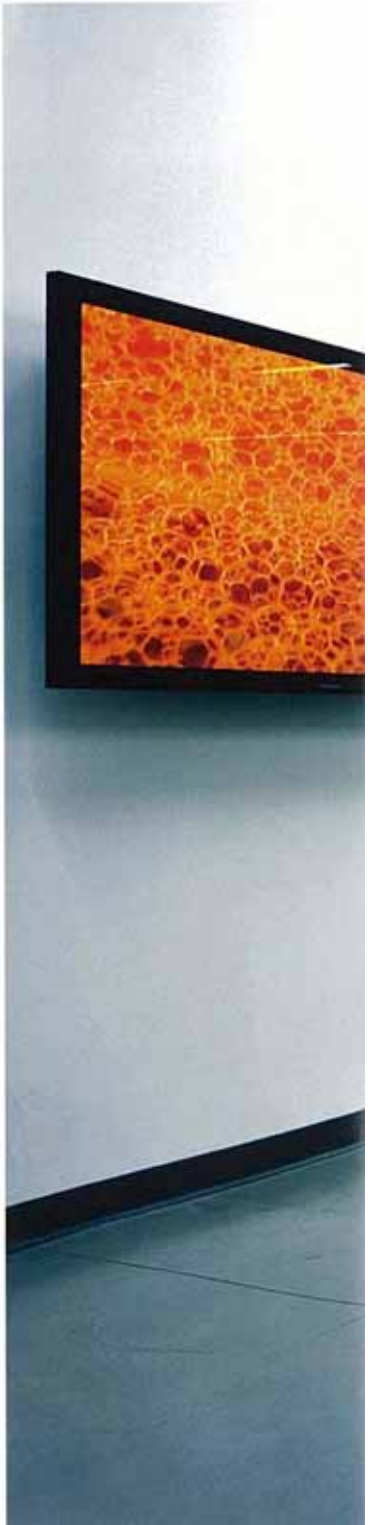
Lighting Design Alliance

Flashpoint
Chicago, Illinois

Below left: Ceiling at lobby

Below right: Lobby

Photography: Susan Carr/



Historic Burnham Center may be a genuine landmark of Chicago architecture, but there is little hint of the past in the 32,000-square-foot Burnham Center campus of Flashpoint, The Academy of Media Arts and Sciences. An institution of higher learning offering two-year programs in the digital media arts entertainment industry, Flashpoint houses the majority of its classrooms and production facilities, including two sound stages, Apple Final Cut Pro and Avid Media Composer editing suites, multiple 2D/3D graphics compositing and game production workstations, and 5.1 surround sound audio mixing in the building at 28 North Clark Street, one of three locations it operates in the Windy City. The space is contemporary with futuristic touches, as could be expected, with a design by Lighting Design Alliance as lighting designer and Valeria Dewalt Train Associates as architect that smoothly integrates a battery of IT equipment

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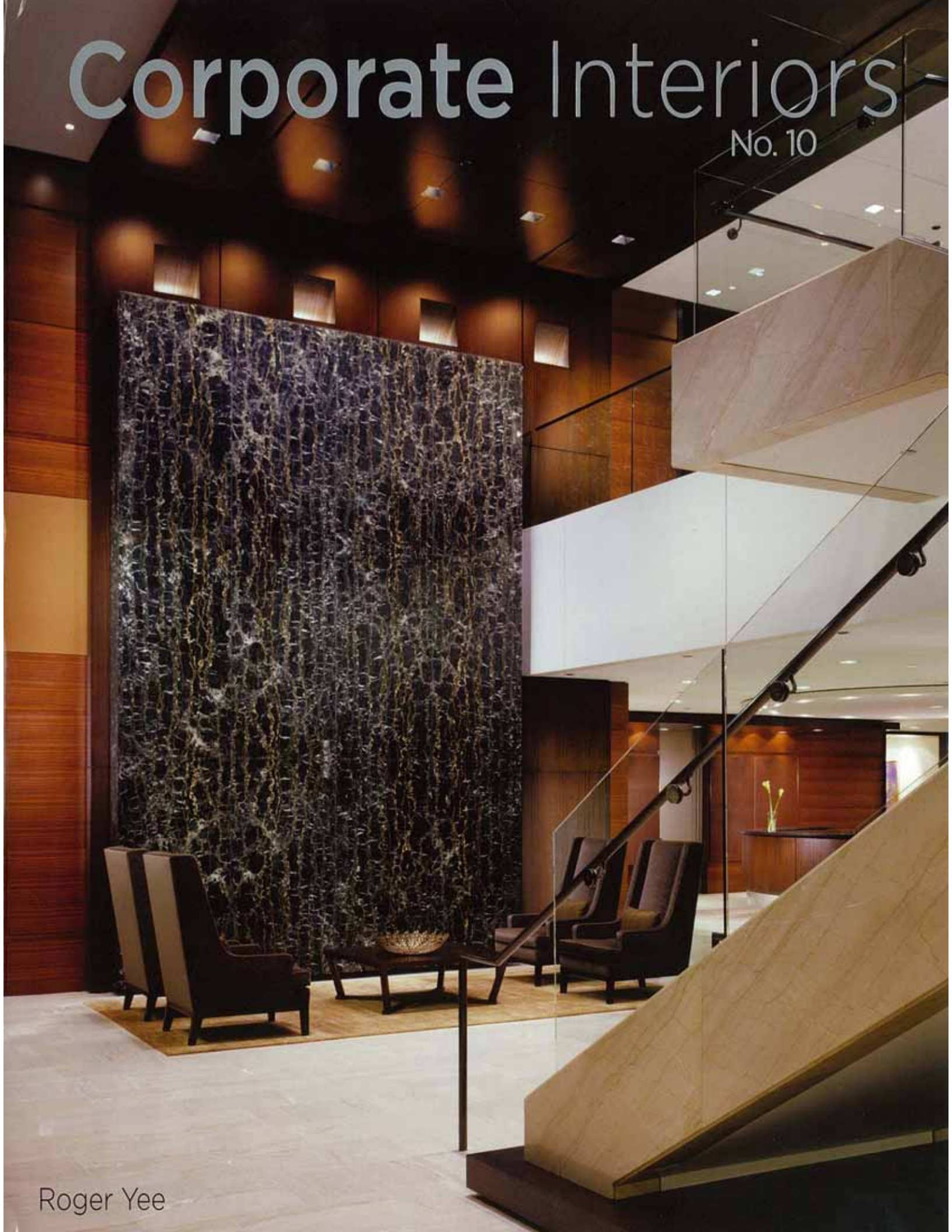

Roger Yee