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Design, Operation & Maintenance of Healthcare Facilities

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Decorative healthcare lighting? The term would have been an oxymoron just a few years ago. But with more facilities adopting warmer, more inviting design cues, lighting for healthcare facilities has gone from institutional to appealing and even (gasp!) beautiful.

No matter where it is located, decorative lighting for healthcare applications must take several requirements into account:

- It must be efficient.
- It must be easy to maintain.
- It must deliver adequate illumination for both staff and patients.
- It must be comfortable and aesthetically pleasing.

And for many projects, it must offer some sustainability benefits.

"Taken together, these requirements are not always easy to achieve," admits Doug Schaefer, director of development at Wisconsinbased Manning Lighting. "But our new product line, the ambia collection, is a great fit for healthcare facilities."

The ambia collection combines proven lighting packages with dynamic new diffusers to create unique yet effective lighting solutions. Manning Lighting has partnered with 3Form and Lumicor, leading-edge manufacturers of high-performance resins, to create these new products.

Both companies have patented processes to encapsulate various materials into layers of translucent resins. The choices range from peaceful botanicals to lush fabrics to bold graphic patterns. "Instead of simply buying standard, off-the-shelf resin material, we



worked with the manufacturers directly to create exclusive diffusers designed to our specifications," said Schaefer. "We include an internal diffusion layer to

minimize lamp imaging on the lens that also provides a soft, pleasing quality of light for healthcare environments."

Six distinct product families make up the ambia collection, offering a variety of pendant, sconce and ceiling-mount products in different sizes. All 60 products are designed to showcase these dynamic materials. "The range of textiles – organic elements like leaves and grasses, graphics and colors – is phenomenal," according to Schaefer. "We've had fun with only the twelve standard options we offer, but there are thousands more available. We can't wait to see what our customers come up with."

Proper lensing of the fixtures is also an important consideration. Many ambia products incorporate top, bottom and side lenses to block a direct view of the lamps inside — an important consideration from a patient's-eye point of view.

Though many of the diffusers appear delicate, they are incredibly durable — up to 40 times the impact strength of glass — and are easily maintained with common household cleaners. Easy relamping is also addressed with hinged louvers and removable lenses.

Insufficient or poor lighting has been shown to affect patient recovery time and general well-being. All ambia products include incandescent lamps, compact fluorescents or a mixture of both to

provide a range of options for specifiers. Compact fluorescent lamps in particular are featured in ambia products due to their efficiency (they typically use one-fourth to one-fifth the energy of an incandescent lamp to provide the same light output) and long lamp life (up to 20,000 hours depending on lamp type). They also are available with good color rendering and warmer color temperatures than in the past.

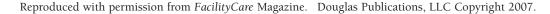
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Emergency lighting in the event of a power interruption is also a significant concern in healthcare environments. But many emergency lighting products compromise aesthetics to locate an emergency lamp or battery. Ambia pendants offer an integral emergency option so no remote mounting is necessary. And ambia sconces include an optional emergency battery mounted behind the fixture in the wall cavity, so the emergency sconces in a corridor appear identical to the nonemergency units.

Ambia products also have significant green benefits in addition to the energy efficiency. The lens material is nontoxic and contains up to 40 percent reclaimed material. Aluminum material is used extensively in each fixture, including reflectors and internal components that contain 93% post-consumer recycled content.

Apparently, judges at the recent Healthcare Facilities Symposium & Expo, held Oct. 2-7 in Chicago, agree. The ambia collection won two product awards: Best in Show and Most Innovative.

For more information on the ambia collection and other decorative healthcare lighting products, go to www.manningltg.com.





Sustainable. Efficient. Comfortable.

Award winning.

Now you can combine effective lighting packages with cutting-edge materials for hip, innovative healthcare solutions. The ambia collection, winner of two

HFSE product awards, offers you hundreds of colors and textures and the ability to easily create custom designs of your own. Browse the entire ambia collection online at www.manningltg.com.



HFSE 2007 Awards Most Innovative Product Best in Show

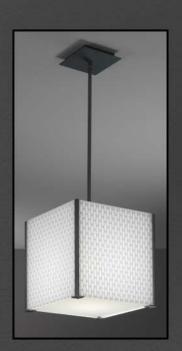












2007 Symposium **Distinction Awards**

Sponsored by FacilityCare

By Susan Helmer

The Healthcare Facilities Symposium, in conjunction with FacilityCare magazine, announced the winners of its Distinction Awards at the DISTINCTION 20th annual Healthcare Facilities Symposium & Expo held in Chicago Oct. 2-4, 2007.

The Symposium Distinction Awards recognize individuals and design teams who have made a profound contribution to the healthcare design industry. The program also recognizes the best and most innovative new products



introduced to the industry in the last year.

Winners of the Symposium Distinction Awards were announced at an honorary luncheon held on Tuesday, Oct. 2, 2007, in the Grand Ballroom at Navy Pier. Health-

care Facilities Symposium and Facility-Care are proud to present the Symposium Distinction Award winners for 2007. Watch for highlights on each design team and user-centered award winner in future issues of FacilityCare.

The Symposium Distinction Awards were judged by a panel of industry professionals chosen for their vast knowledge and expertise in architecture and healthcare facility design. This distinguished panel of judges devoted an enormous amount of time and energy to provide the awards program with true winners who stand out in the industry. A special thank-you is extended to this dedicated group of individuals:

Marc Budaus, AIA

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Rebecca Hathaway, RN

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Product Awards

The Product Distinction Awards recognize innovative new products that contribute to the enrichment of a healing environment through their unique design and operational support. All new product submissions were judged for excellence in four categories: Most Innovative, Most Sustainable, Architect's Choice and Best in Show. At right are the winners of the 2007 Symposium Distinction Awards:



Manning Lighting Inc.

PO Box 1063, 1810 North Ave., Sheboygan, WI 53082 920-458-2184 manningltg.com

Best in Show, Most Innovative

Ambia Collection Manning Lighting Inc., Sheboygan, Wis.

The ambia collection consists of six distinct new lighting product families featuring hard-surface diffusers with embedded textiles, botanicals, papers, organic and graphic elements, thoughtful details and solid specification-grade construction. Manning Lighting has partnered with cutting-edge manufacturers of high-performance resins to create these new lighting products. Their style, variety and durability make ambia collection products ideal choices for healthcare projects.

For more information, call (920) 458-2184 or visit manningltq.com.

