



# LIGHTING FOR HEALTHCARE

Lighting a healthcare space poses a series of challenges because of the diversity of spaces, requirements for visual performance, and ensuring energy efficiency all while meeting the needs and comfort of patients and staff.

## INFLUENCE ON OUTCOMES

There's a strong correlation between good lighting, the color of light, and human comfort. Research shows that daylight and window view positively affect patient outcomes. Sleep patterns, circadian rhythms, and recovery rates from many illnesses are often influenced by the patient's visual perception. Artificial lighting features should offer sufficient light during waking hours for health benefits, but minimum light for safety during the night.



## FIELD OF VIEW

The field of view in healthcare spaces includes the ceiling, walls, and may include luminaires. The discomfort of patients and staff can be caused by improper lighting, glare, and afterglow in circulation, and treatment spaces, and patient rooms. Improper lighting may also contribute to misdiagnoses because physicians often consider skin tone and eye color, a characteristic that can easily be affected by the lighting's color rendering and temperature.



## THE LANTANA HEALTHCARE SOLUTION

LANTANA lighting solutions offer health and comfort advantages to healthcare facilities including the configuration of zone-specific lighting control, sensor integration, energy efficiency, and safety. Easily accessible, centralized lighting control minimizes disruptions to patients and staff.

### ENHANCE EFFICIENCY AND INSIGHT

LANTANA Luminaires are among the most efficient LED light fixtures sold in the market. Tested on efficacy, controllability, lumen maintenance, and driver ISTMC, LANTANA Architectural Lighting solutions are DLC premium, offering owners energy savings and rebates. Integrated occupancy and motion sensors provide on-demand lighting to extend bulb life, security and reduce running costs and electricity. The use of lighting controls such as daylight harvesting sensors offers added comfort while improving energy efficiency.



### BETTER OUTCOMES AND EXPERIENCE



LANTANA architectural light fixtures deliver up to 147 lumens per watt and provide 75% direct and 25% indirect light providing illumination evenly throughout the space, providing a better work environment for physicians, nurses, and staff. Soft, clean, and pure light with the right balance of illumination and softness offers patients a more comfortable healing environment. Plus, the unique design of LANTANA luminaires minimizes glare and protects the eye from afterglow, making them safe to look at directly. Color temperatures ranging between 3000k to 5000k also offer a more accurate color depiction of surroundings and patient health.

### IMPROVED SAFETY

Safely move patients, staff, and visitors during a crisis. LANTANA lighting solutions offer integral emergency control to provide sufficient lighting during a progressive evacuation. The LANTANA remote driver unit allows for multi-zone functionality to control emergency lighting for critical and non-critical areas.



### MINIMAL COSTS AND DISRUPTION

LANTANA Remote Driver Units (RDUs) supply power for up to 20 LED fixtures using various Class 2 drivers. This single box centralizes AC to DC power conversion in an easy-to-access electrical panel housing both normal and emergency circuit power. Remote access to lighting eliminates blocking of busy corridors and disruption of the patient environment.



### CONSTRUCTION

- Extruded anodized aluminum spine
- Acrylic co-molded diffusing housing
- White plastic endcaps
- Custom colors available

### MOUNTING

- Pendant
- Unistrut
- Surface Mounting

### LENGTH OPTIONS

- 4', 6' and 8' fixtures
- Quick-connect for 88' continuous run

### OPTICS

- Dual finish acrylic lens providing naturally diffused light
- Efficiency up to 147 lumens/Watt
- Full range dimming
- Ambient environment operating temp: 32° - 185°F (0° - 85 °C)
- 25% Indirect
- 75% Direct

### COLORS TEMPS

- Within 2-3 McAdams
- 3000K, 3500K, 4000K, 5000K

### POWER OPTIONS

- Remote Class 2 Driver
- Integral Class 2 Driver (120/277/347 VAC)
- Power-over-Ethernet

### EMERGENCY OPTIONS

- UL 924 listed
- Onboard battery backup available

### WARRANTY

- 10 years



Designed in the USA  
Manufactured in USA  
and Canada

