

ADVANCED LED COMMERCIAL LIGHTING TECHNOLOGY

Energy Saving | Surge Protection | Heat Reduction

www.stellarsmart.com



The Stellar Smart Lighting system is designed and engineered as an automated and adaptable solution to integrate seamlessly within the Sprung Structure. Stellar Smart Lighting provides a complete analysis of each customer's needs to determine lighting requirements, and can guarantee flexibility if lighting requirements change over time.

Stellar Quick-connect hardware installed by electricians during preliminary building construction allows lights to be attached and turned on instantly - without the need for temporary lighting or rescheduling an electrician. The Stellar lighting package features durable construction and clean lines, with long-lasting, energy efficient lighting.

STELLAR SMART LIGHTING ADVANTAGE

70%

ENERGY SAVINGS

Compared to traditional sodium vapor lamps, Stellar Smart LEDs can reduce power bills up to 90%.

25%

REDUCED MAINTENANCE COSTS

Stellar Smart LEDs negate the need for any additional electrician maintenance.

AUTOMATED CONTROLS



The touch screen Environment Learning Computer (ELC) is the central energy management unit that controls and monitors all the lights and energy sensors in the facility. It communicates with each light fixture or sensor throughout the building. Installing ELC, you future-proof your building for optional lighting layout control and additional sensors.

- Scheduling
- Monitoring
- Use-based lighting adjustments
- Ambient light controls



STANDARD LIGHTING PACKAGE INCLUDED

- STELLAR LONG-LASTING LED LIGHTS
- ATTACHMENT BRACKETS + HARDWARE & FASTENERS
- QUICK-CONNECT CORDS
- ELECTRICAL BOXES AND BRACKETS
- 208v or 240v or 277v 30amp, Single Phase, 60Hz



Optional Extras Available

ELC - Environment Learning Computer Panel
3 Phase Power, 50Hz, *20amp (*if required)

ADDITIONAL BENEFITS



REDUCED HVAC COSTS

Low-heat producing lights allow for more efficient climate control.



SECURE ATTACHMENT

Instead of hanging, fixtures are installed almost flush against the beam for cleaner lines.



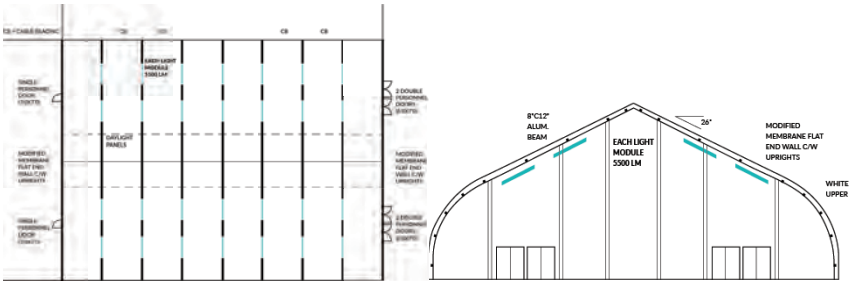
SPEED OF INSTALL

Early installations of Quick-connect boxes allow lights to be plugged in and turned on without additional electrician appointments.

INSTALLATION FEATURES

COHESIVE INSTALL

Lighting is placed along beams to create crisp, clean lines and even lighting (no hot spots). No visible conduits.



IMPACT-PROOF

Polycarbonate covers are shatter-proof. Ideal for indoor sports or recreation facilities.



RUST-PROOF

Aluminum construction will not rust under humid environments. Ideal for gym or indoor pool structures.

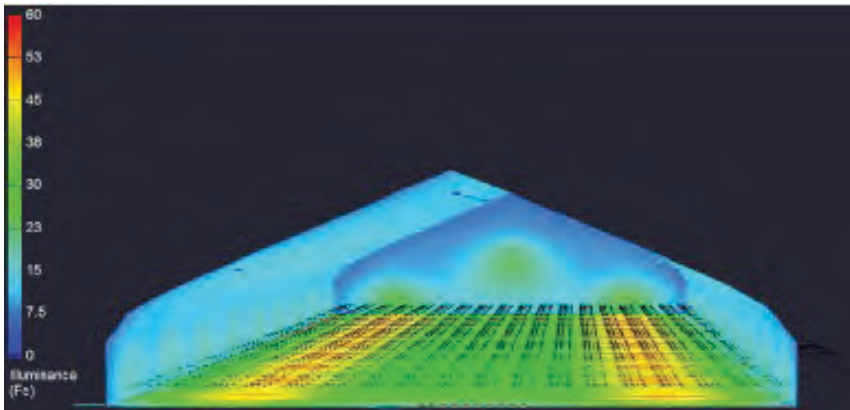


Fig 1. (top left) shows the spacing of lighting fixtures along Sprung Structure beams. This is a standard installment. Customization for each building may change this layout.

Fig 2. (top right) shows the lumens and spacing of the Sprung Structure beams in relation to a standard lighting installment.

Fig 3. (bottom) a lighting analysis rendering showing the light coverage in a standard install.

SEAMLESS SPRUNG INTEGRATION

Fixtures are installed using quick connect hardware that attach to Sprung's continuous interior bolt chase by a non-electrician for immediate power to the building. No need for temporary lighting or rescheduling electrician visits.



Turn-key bracketing, electrical components, and Quick-connect are included in every install package.

