INTRODUCING ATHENA

The dynamic lighting control system that brings the magic of light to everyday moments

- **Flexible, simple, all-in-one solution** to control any light source with Ketra and intelligent shades
- **Design without compromise** - use any fixture you like and all load types in a single system
- **Connected apps** deliver a holistic light experience

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ATHENA
From galleries and museums, to high-end restaurants and hotels, curate lighting scenes that bring your visions to life.

Workplace
Support workplace well-being with comfortable, natural light. Stay flexible with agile solutions that evolve with changing business needs.

Retail
Show merchandise in its best light with precision TruBeam optics and vibrancy. Create visual interest or celebrate a special occasion with saturated color.

Galleries and Museums
Show art in historically accurate light, or enhance color vibrancy. Easily change zones and scenes as exhibits rotate.

Hotels
Create a luxurious space where guests want to spend time – and money. With the easy-to-use app, it’s simple for staff to create memorable experiences on property and quickly adjust lighting for events.

Restaurant
Nurture a mood with deep dimming and saturated color. Enhance the appearance of food and décor, as menus and seasons change.

Self Care
Support an immersive sensory experience with dynamic light. Customize studios and treatment rooms for a client, a service, or your brand.
**ATHENA**
All-in-one solution with a range of options and aesthetics.

**SOFTWARE**

- **Lighting Designer App**
  - Easily design and refine – precision fine-tuning of CCT, saturated color, intensity, and more

- **Space Manager App**
  - Quickly change lighting scenes, timeclock events, and shade positions

**LIGHTS. SHADES. CONTROLS.**

- **Range of Keypads, Personal Controls, and Touchless Controls**
  - Keypads and wireless remotes, flexible sensors, I/O and A/V interfaces

- **Lights and Shades Work Together Seamlessly**
  - Preserve view, mitigate glare, ultra-quiet operation, hembar alignment, broad fabric selection

- **Integrated Ketra for Beautiful Light**
  - Millions of colors, simplified natural light, and superior optics for light where you need it

**BACK OF HOUSE**

- **Right-Sized Hub**
  - Small and large spaces
  - Built for the cloud
  - Automatic software upgrades

- **Any Source, Fixture, Load Type, and Protocol**
  - ESN Pro LED+ Phase Adaptive, 0-10V, DALI
  - T-Series tunable white
  - EcoSystem 0.1% dimming
Athena System Capacities

- 5 Athena Edge processors (max)
- 10 Clear Connect Type X gateways (max)
- 5,120 switchlegs (max, excluding Ketra)*
- 500 Ketra devices (max)**

* A switching is the smallest controllable point on any product - a single CCO, a zone of 0-10V, or a single digital address for a fixture.
** N3 counts as 1 device regardless of the length of linear fixture connected to it.

Key - Wiring

- QSP Wired Link
- GSM Wired Sensor link
- Clear Connect-Type X link
- Ketranet PLC
- Clear Connect-Type X link for Ketra devices
- System Ethernet link
  - Ethernet connection between processors and Clear Connect Type X gateways required for system startup and function

Base Wiring

- Pin-out: pin 1 - common, pin 2 - VDC, pin 3 - MUX, pin 4 - MUX
- GRC-CBL346S-500 (runs up to 500 ft) pair 18AWG, one pair #18-22AWG twisted/shielded
- GRC-CBL-46L (runs up to 2000 ft) pair 12AWG, one pair #18-22AWG twisted/shielded
- RS 485, 24 - 35VDC powered

The wire gauge required for shade power conductors is dependent on shade size and number, wire run length, and power supply type being used. Consult technical specifications of shade equipment for details.

Clear Connect Wireless - Type X

- 50 Clear Connect Type X devices per gateway
- 40 G2 Linear fixtures per N3
- 100 ft. total run off of N3 including G2s (max)
- 1 N3 is one controllable zone

Key - Power

- 120/277VAC
- Line voltage 120VAC
- Low voltage 24VAC
- Low voltage 24-35VDC
- Low voltage 12VDC
- Plug-in transformer
- Battery powered
- Power over Ethernet (PoE)