



The only low voltage DC illumination system designed exclusively
for the retail environment.

What is LumaNEXT?

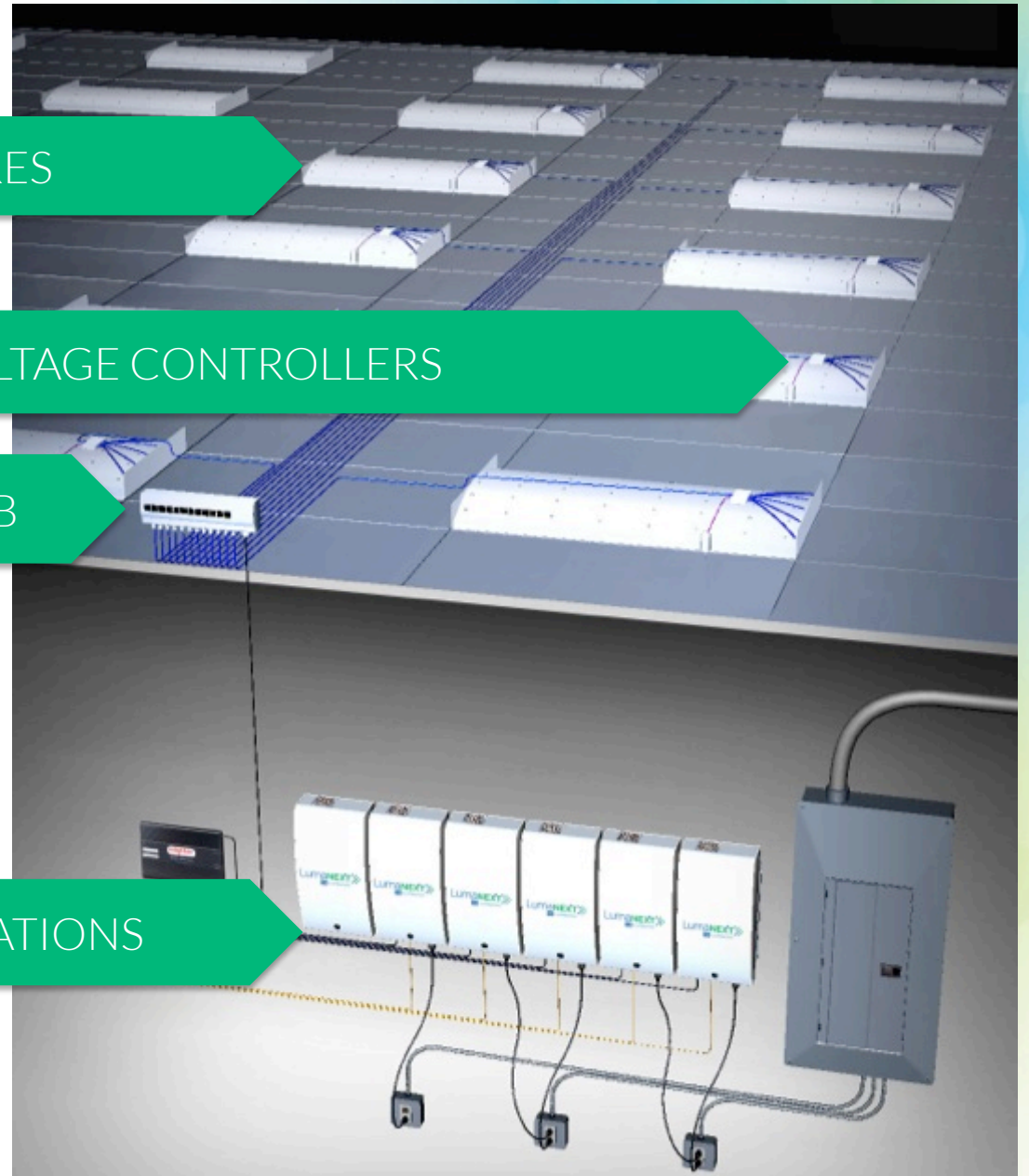
- Patent-pending illumination system for the entire retail environment
- Delivers unparalleled light diffusion, reflectivity and efficiency
- The new standard in quality, reliability and savings
- Scalable, open architecture

CEILING LUMINAIRES

CURRENT AND VOLTAGE CONTROLLERS

DISTRIBUTION HUB

48V DC POWER STATIONS

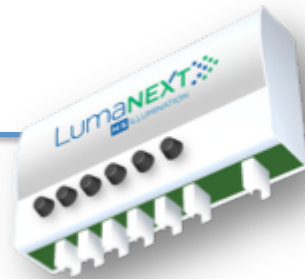


The LumaNEXT™ System Components



POWER STATION

Plug-and-Play
48-volt DC power
converter



DISTRIBUTION HUB

Feeds power to as many
as 24 devices like ceiling
luminaires, illuminated
perimeter wall displays
and merchandisers



CEILING LUMINAIRE

Low-voltage, dome-shaped
LED troffers that offer
unparalleled diffusion,
reflectivity and efficiency



ENLIGHTENED SENSOR

Smart sensors enable
customized control and
data collection

Simple to Install, Operate & Maintain

Troffers can be installed in drop ceilings, suspended openly, or truss mounted

Centralized power station can quickly be replaced with no-tool, slide-mount system

LED strands can be replaced in minutes

No special tools required



LumaNEXT
HIS ILLUMINATION

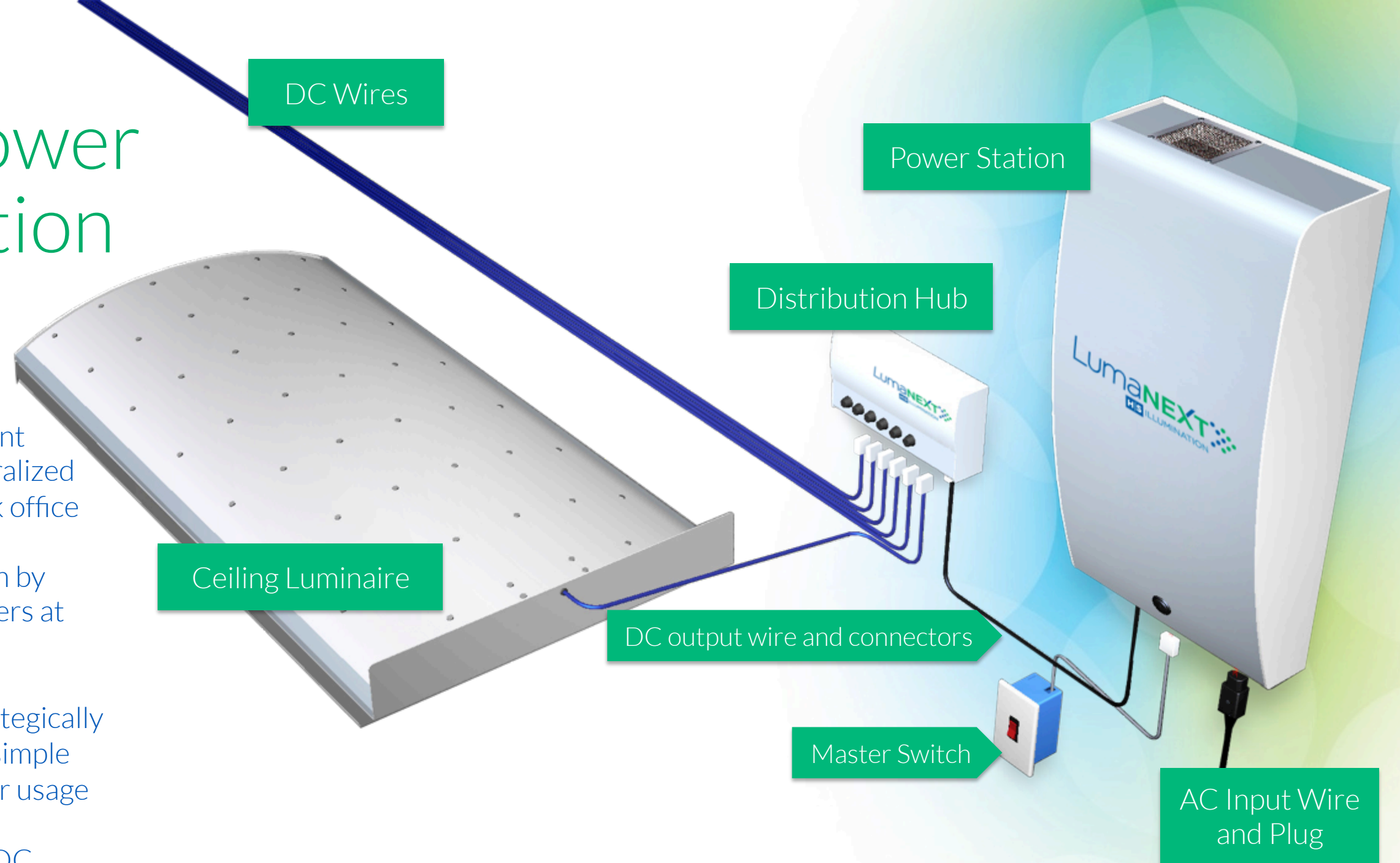
Engineered for Superior Light

- Dome-shaped housing utilizes a sleek, contemporary design
- Troffers feature a proprietary Evonik diffuser lens
- Special coatings by White Optics for greater reflectivity
- Select brightness and temperature for optimal performance, reduced energy use



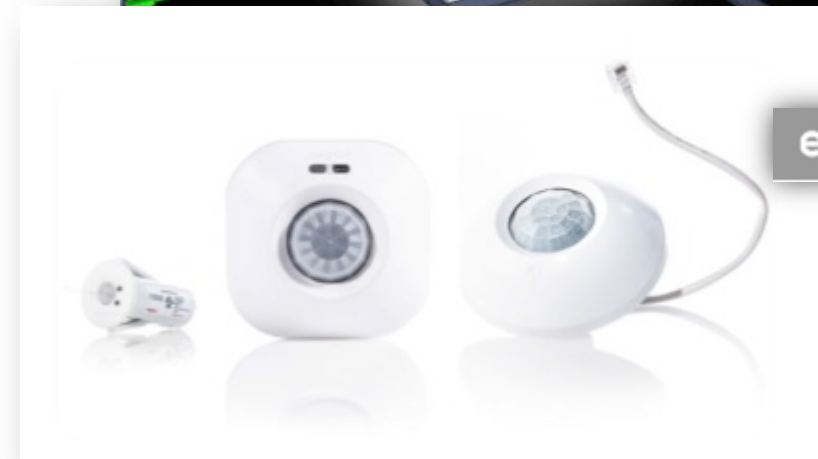
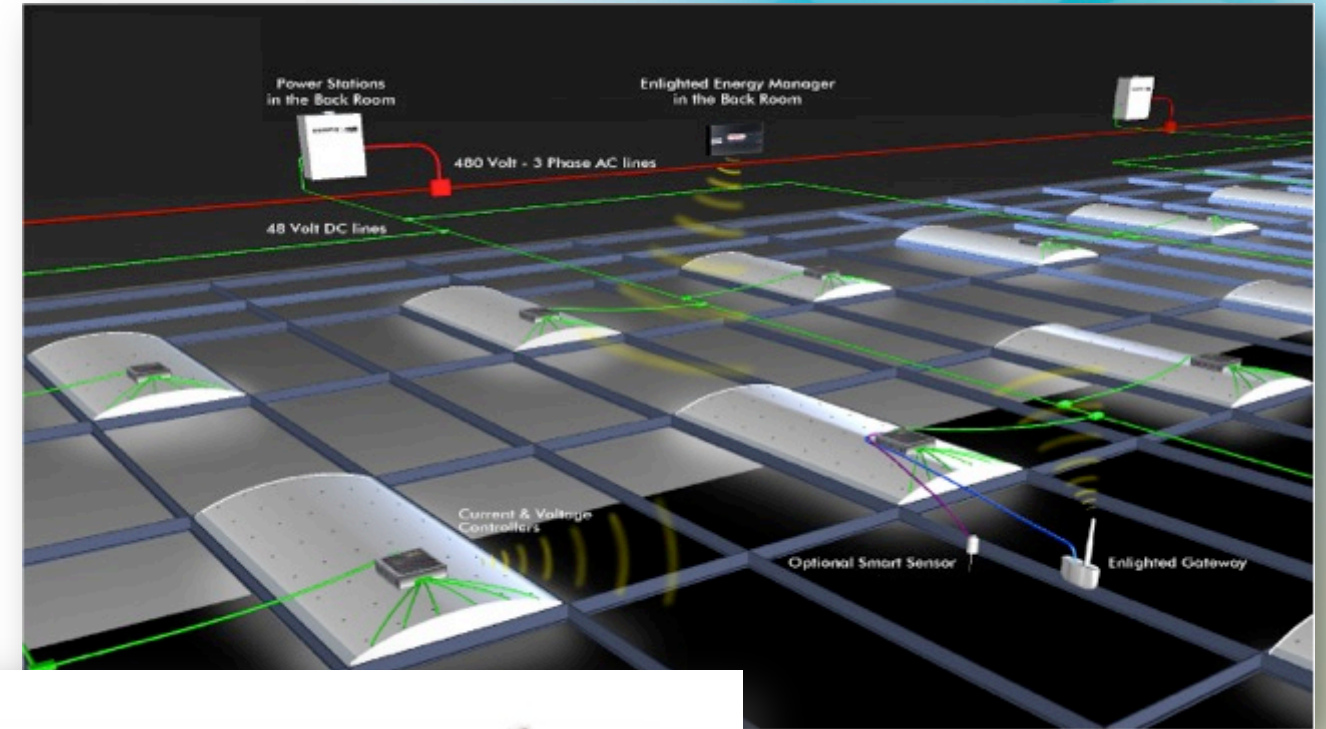
Smart Power Distribution System

- Low voltage DC current distributed from centralized power stations in back office
- Solid state illumination by eliminating transformers at fixture level
- DCD hubs placed strategically throughout store for simple wiring; optimize power usage
- Seamlessly feed 48V DC current to multiple devices



Enlighted Analytics: Smarter, More Effective Illumination

- Controls light intensity within departments based on desired mood or display strategy
- Measures ambient light and temperature
- Reports fixture outages and abnormal spikes in energy consumption
- Analyzes consumer foot traffic and shopping patterns



enlighted

LumaNEXT
HIS ILLUMINATION

Sustainable, Renewable Energy

- Solar compatible
- Integrated sensor option for daylight harvesting & energy conservation
- Reduced waste and a lower carbon footprint
- Reuse and recycle all system components
- LumaNEXT lighting control devices, luminaires and systems comply with all of the applicable requirements of Title 24 Section 110.9*

*Title 24 – California 2013 Building Energy Efficiency Standards for Residential and Non-Residential Buildings, pp. 104-106



LumaNEXT
HIS ILLUMINATION

LumaNEXT™ Benefits

Reduces power usage by as much as 85%

No bulbs or ballast to replace at the troffer

LED strands are interchangeable and upgradeable

Enlightened real-time data reporting provides actionable analytics

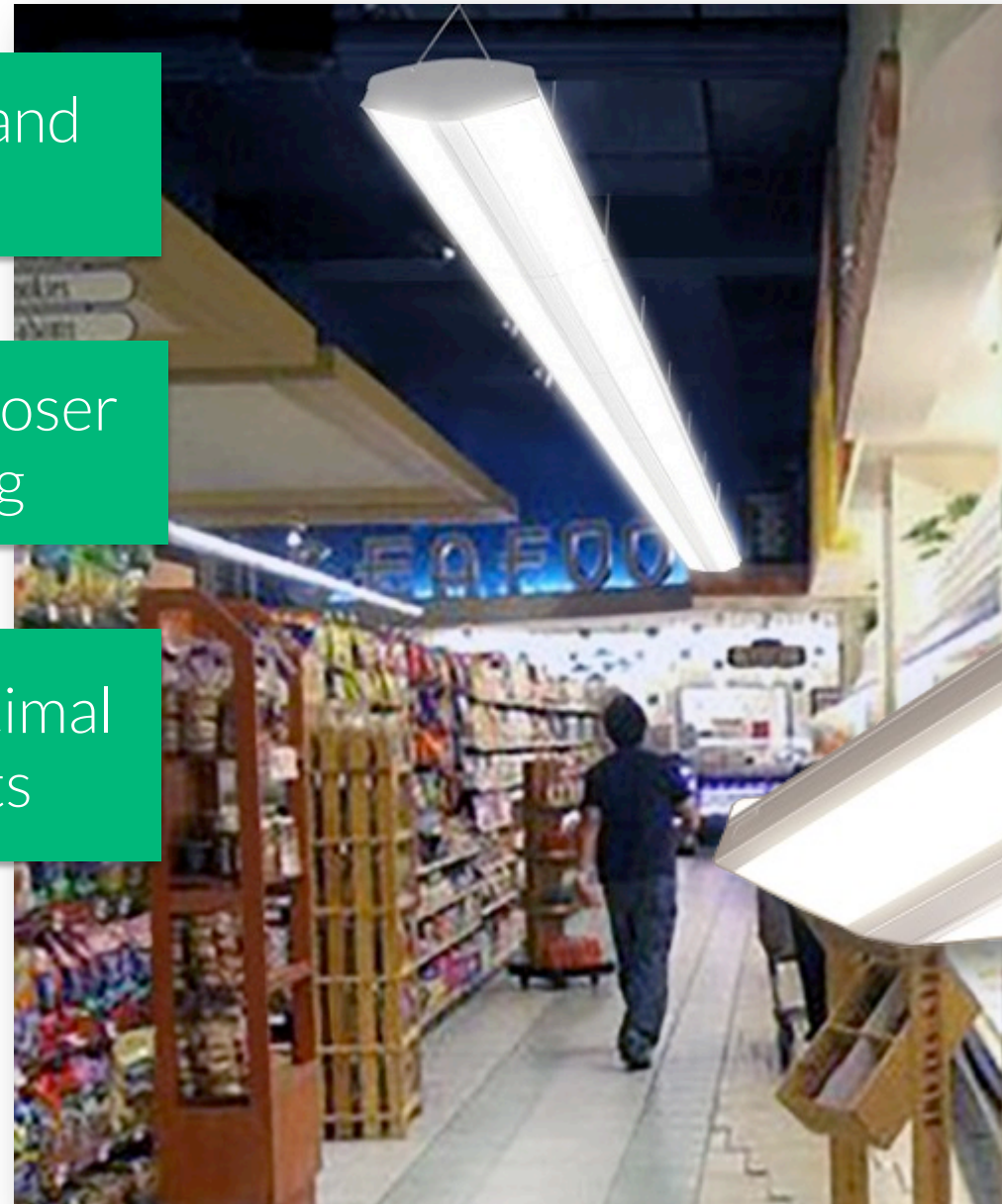


Customer-Centric Approach

Retail-based design and production

Adjust to bring light closer to product shelving

Mix light to create optimal mood environments

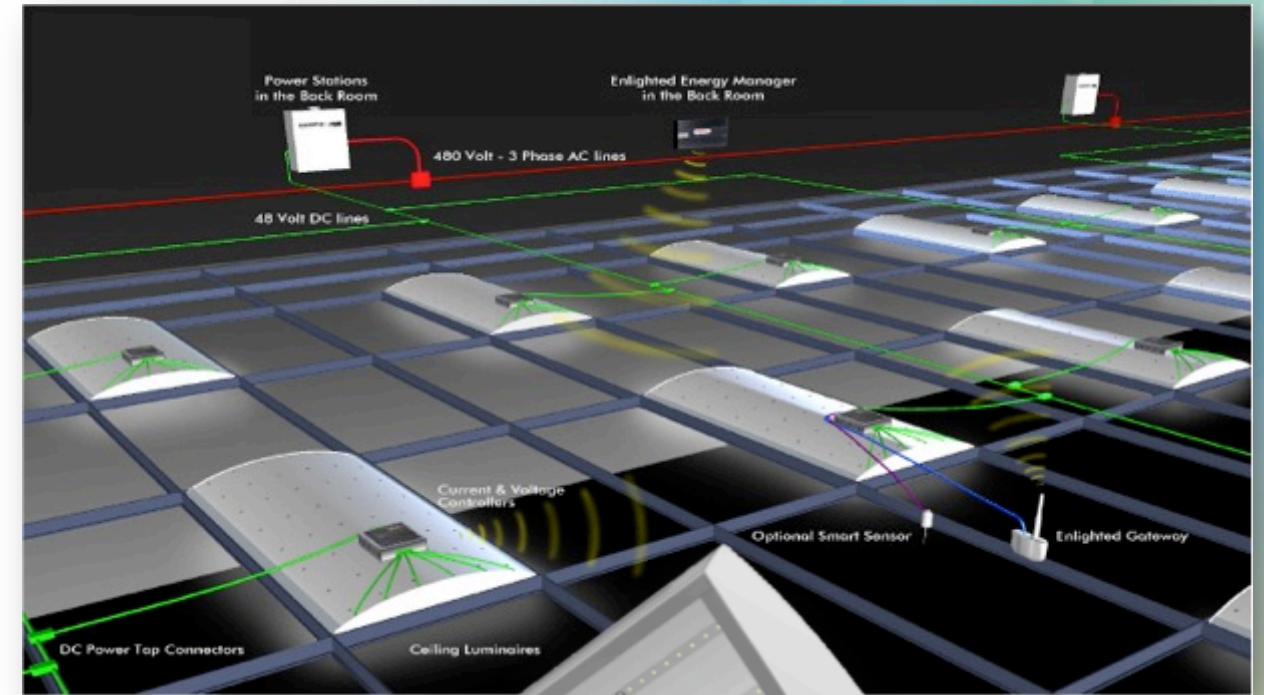


Quickly develop fixtures for specific store and product applications



All LED Illumination Systems Are Not Created Equal

- Only the patented LumaNEXT Illumination system requires no transformer, or ballast at the fixture (troffer)
- Only LumaNEXT offers “future-proof” open architecture enables system expansion
- Compared to other LED lighting solutions, LumaNEXT reduces operating costs by up to *an additional 25%*



For complete information and an in-person demonstration
call Bob Radcliffe at 917.334.1299
or email bradcliffe@lumanext.com