



SpectraSyncTM

Color Tuning Technology



SpectraSync[™]

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Lighting should be simple. Easy and intuitive to interact with, yet versatile enough to give you the freedom to choose. That is what Hubbell Lighting's **SpectraSync[™]** technology is: intuitive, versatile and easy to install.

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..... easy to install and specify

..... competitively priced
color tuning solution

..... single driver capability

..... universal control options
with a scalable design

Your Space.



Your Experience.

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with three distinct SpectraSync™ Color Tuning Technologies.

Create your experience with the intuitive, not the intimidating. SpectraSync™ technology operates on standard 0-10V dimming protocols with presets and scheduling for simplified configuration and commissioning.



Dim to Warm

Dim to Warm mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed. (Available with 2200K-3000K)



Tunable White

Tunable White offers you the ability to tailor correlated color temperature (CCT) to your personal preference, enhancing task visibility, material and colors and the aesthetics of the space. (Available with 2700K-5000K or 2700K-6500K)



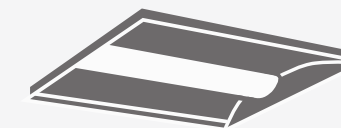
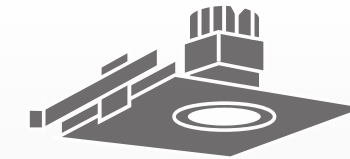
Scheduled White

Scheduled White creates an environment that mimics the rhythm of natural light or follows an alternative user-defined schedule throughout the day, enhancing an occupant's mood and well-being. (Available with 2700K-5000K or 2700K-6500K)

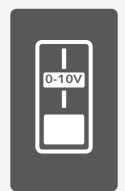
1 Select Your Technology



2 Choose Your Luminaire



3 Identify Control Strategy



Your day. Your life.

SpectraSync™ Color Tuning Technology enables dynamic control over the lighting of indoor spaces. Studies suggest that the discerning control of lighting spectrum and intensity over time can potentially enhance human health, behavior and our general sense of well-being.

SpectraSync™ capitalizes on the innate, biophilic human need for the comfort derived through connection with familiar, natural environments, potentially leading to improved productivity and stress reduction. Our goal is to equip lighting professionals with the tools needed to implement human-centric strategies that promote wellness and balance.



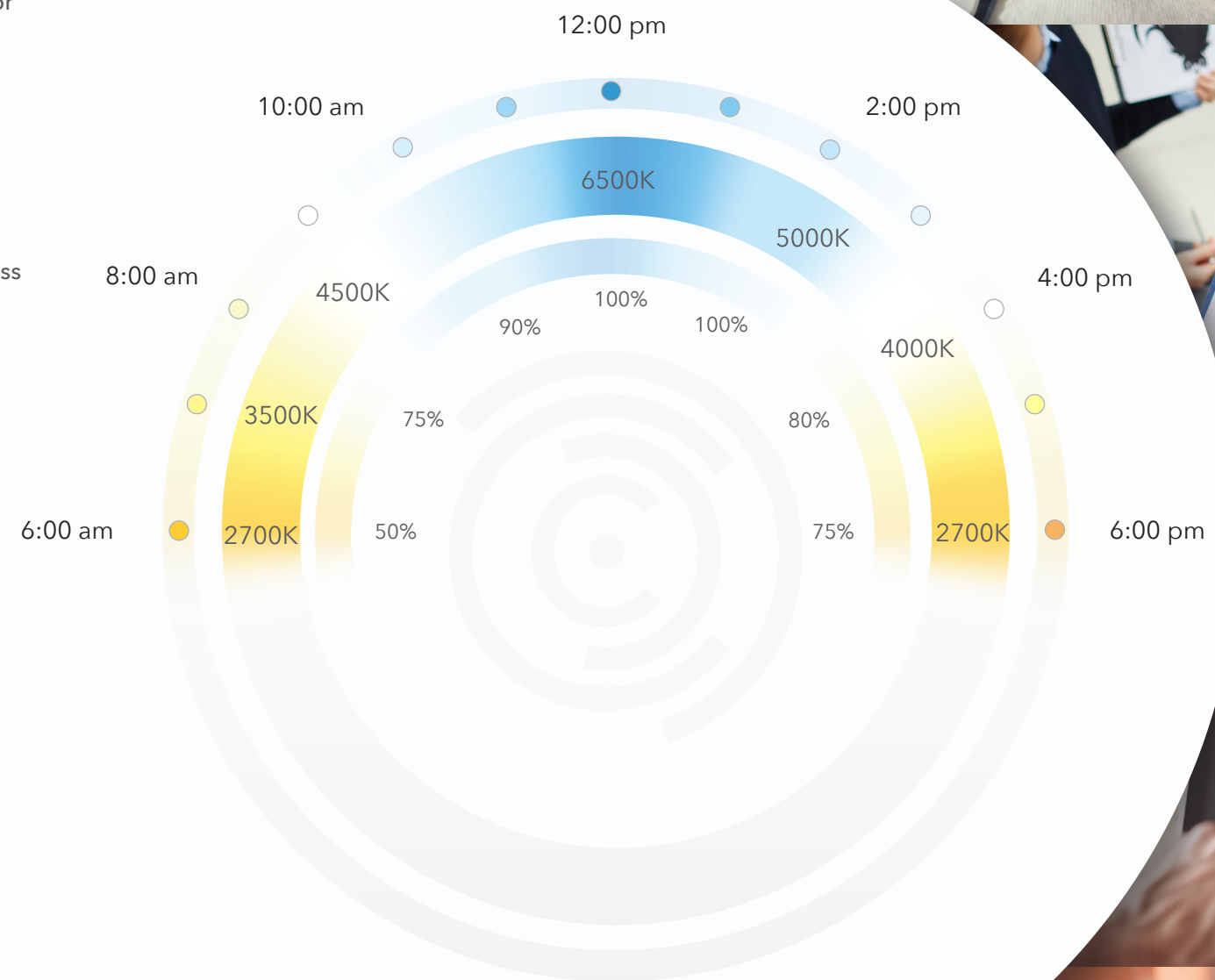
Dim to Warm
2200K - 3000K



Tunable White
2700K - 5000K
2700K - 6500K



Scheduled White
2700K - 5000K
2700K - 6500K



Hospitality

Provides flexibility to create multiple environments, whether multi-use spaces, common areas or guest suites.



Education

Empowers educators to tailor active environments and create a productive academic experience.



Office

Customizes office space for personnel and business needs.



Health & Wellness

Enhances the well-being of patients while balancing the requirements of the health care provider.



Dim to Warm

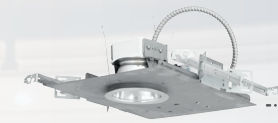
SpectraSync™ Dim to Warm links us back to a time when incandescent and halogen light sources would naturally "warm up" when dimmed down. The effect mimics sunset, creating a calming atmosphere within your space. Dim to Warm is ideal for applications such as hospitality, long-term healthcare, retail and residential spaces where warmer color temperatures put the finishing touches on a well-designed space.

2200K - 3000K

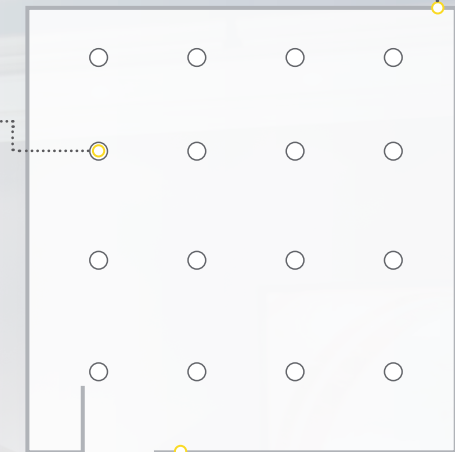




Dim to Warm



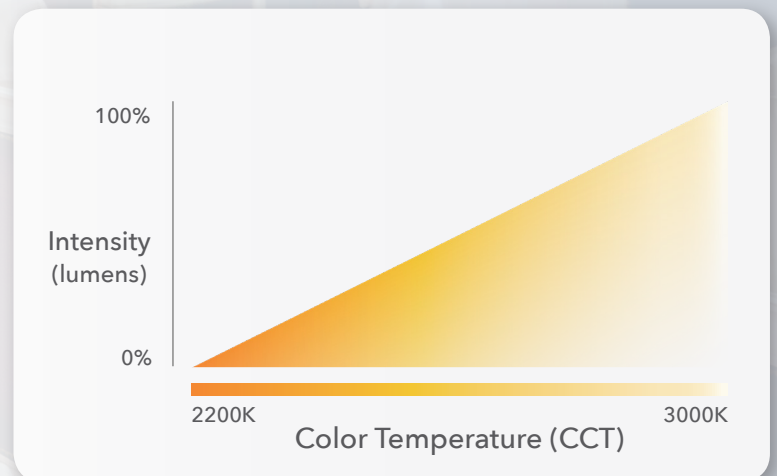
Prescolite SpectraSync™
Enabled Dim to Warm
Downlight

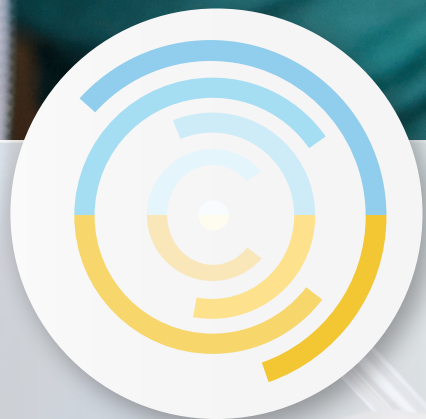


0-10V Dimmer



0-10V Dimmer

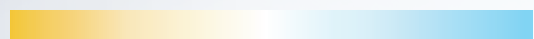




Tunable White

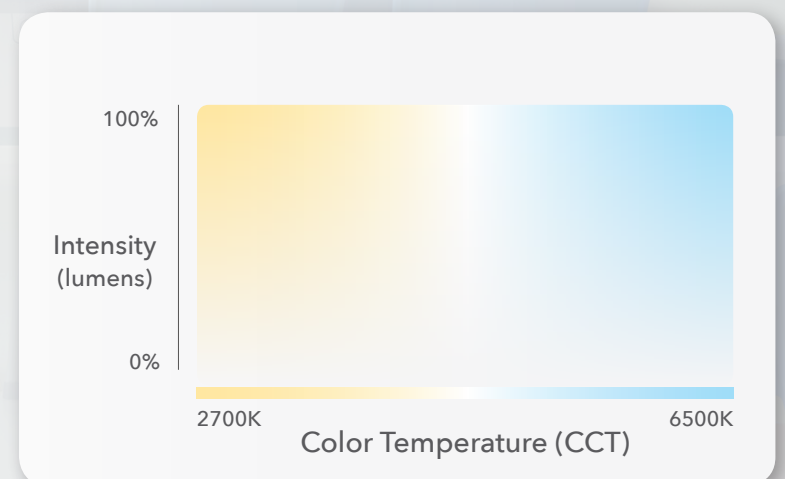
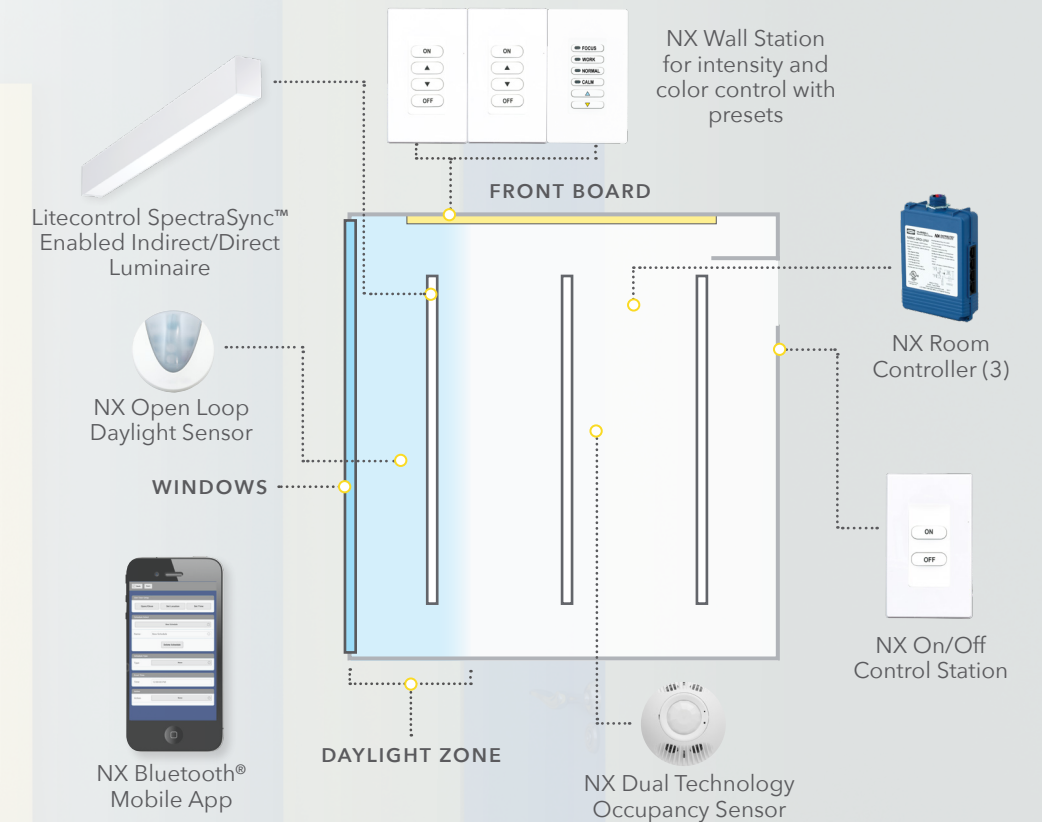
SpectraSync™ Tunable White offers you the ability to tailor CCT to your personal preference, enhancing visibility, material and colors or the aesthetics of the space. Tunable White is offered in two CCT ranges, 2700K-5000K and 2700K-6500K, within a comprehensive selection of luminaires.

2700K - 5000K
2700K - 6500K





Tunable White





Scheduled White

SpectraSync™ Scheduled White brings the rhythm of nature indoors by enabling CCT and intensity control throughout your day with a straightforward 0-10V interface. Emulating nature, or augmenting it, may promote a sense of well-being in a variety of applications from offices to classrooms to healthcare environments.

2700K - 5000K
2700K - 6500K



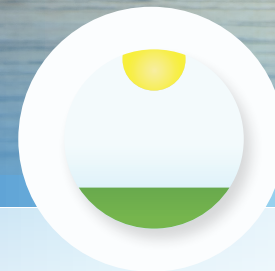
Dawn

7:00 AM



Morning

10:00 AM



Afternoon

1:00 PM

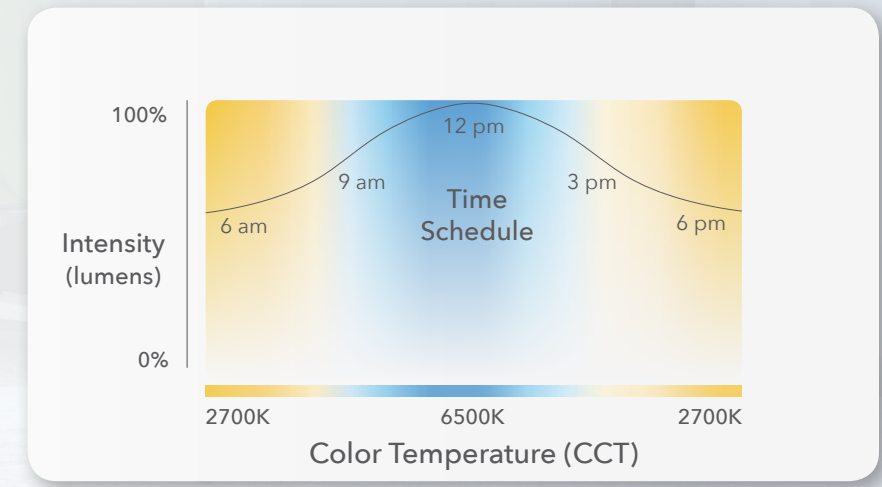
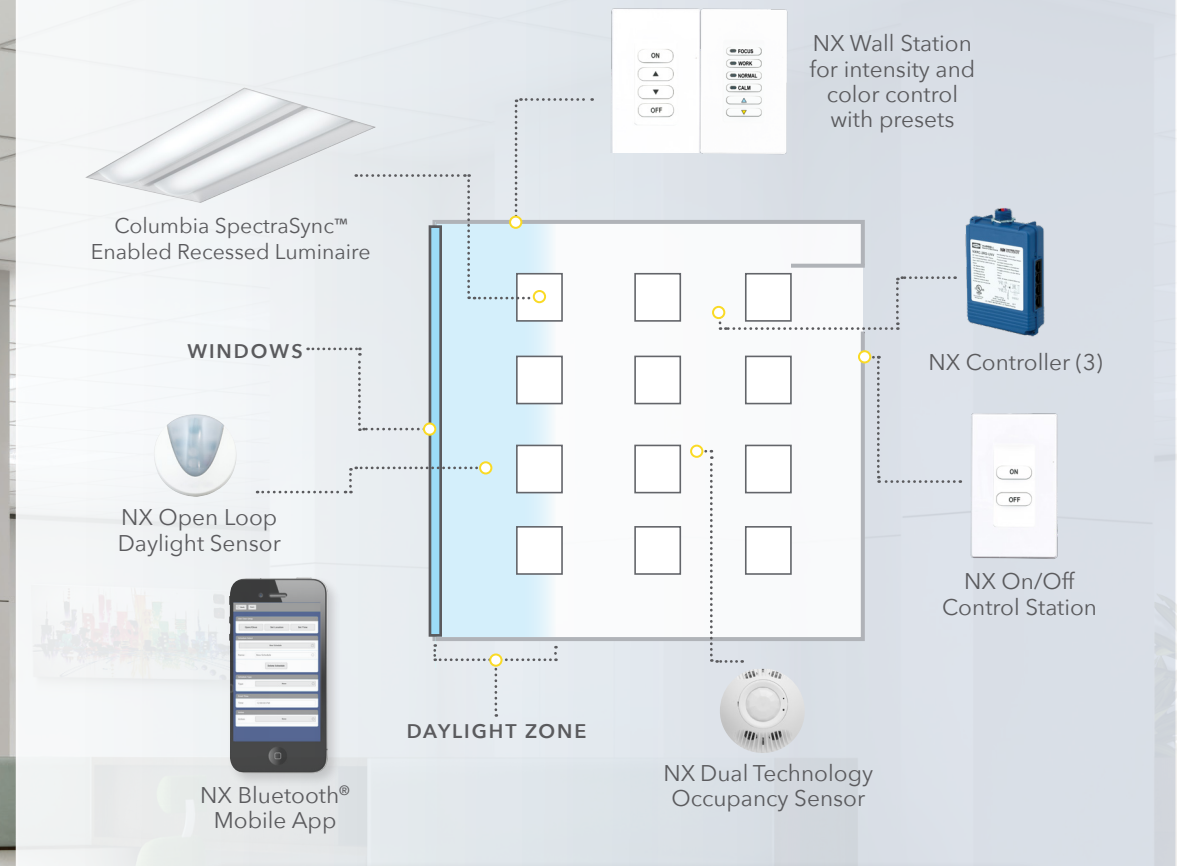


Evening

6:00 PM



Scheduled White





making light work™



Pendant

Knife 11L	SAE 101
Rail 12L	SAE 102
Arcos 13L	SAE 103
Note 67L	

Recessed/Pendant

MOD3L (shown)	MOD6L
MOD4L	

Troffer

Litewave LHFL	
SAE 301	

Perimeter

SAE 201	
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Downlight

LF4SL (shown)	LF8SL
LF4SQSL	RLF6SL
LF6SL	RLF8SL
LF6SQSL	




Troffer

TCAT (shown)	
LCAT	

Wall Mount

CWM	
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Troffer Conversion Kit

SLK	
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Simple Control Solutions

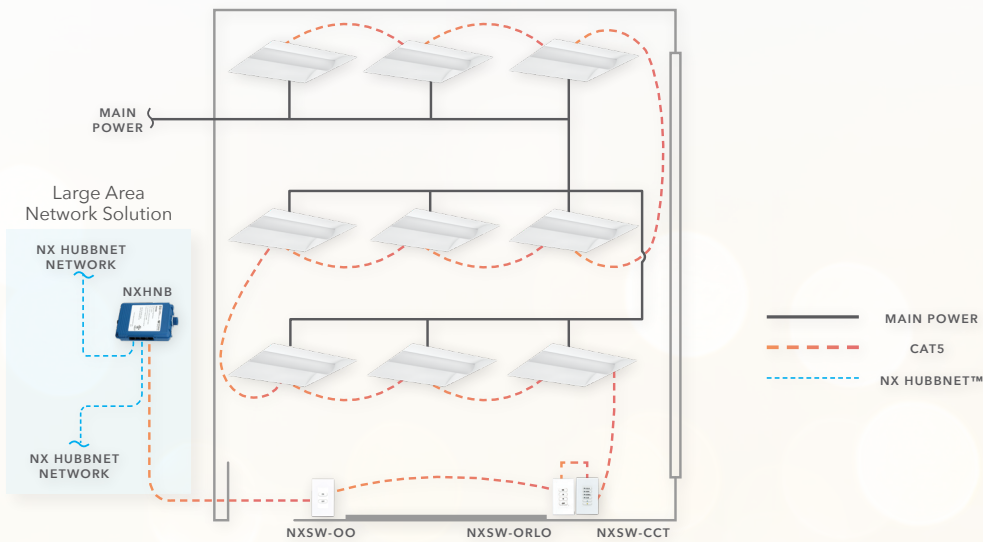
Hubbell Control Solutions' NX Distributed Intelligence™ lighting control system utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, all of which create a system with an unmatched level of reliability, scalability and simplicity.

When paired with SpectraSync™ enabled luminaires, NX delivers a comprehensive color control solution, simplifying setup and code compliance through self-configuration and an optional Bluetooth® interface with mobile application.

- Complete control solutions for applications using SpectraSync color tuning technology
- Simplified installation with device auto-configuration and plug-n-play connectivity
- Free Bluetooth® enabled mobile app for ease of configuration
 - Available for both iOS and Android devices
- Intuitive app interface and user-friendly wall stations for precise control



Typical NX Distributed Intelligence Layout for In-fixture Control



Area Controller

- Central component for enterprise solutions
- Real-time programming and monitoring
- Native BACnet™ support



Room Controllers

- Intelligent auto-configuration with devices
- Automatic code compliance
- Cat5 plug and play connectivity



User Interfaces

- NX mobile app offers user-friendly configuration tool
- Wall stations for personalized control of light and color
- Area Controller GUI provides simple and intuitive programming



Occupancy Sensors

- Embedded IntelliDAPT™ self-adaptive technology
- Passive infrared, ultrasonic and dual-tech versions
- Occupancy or vacancy mode with up to 2000 sq. ft. coverage area



Daylight Sensors

- Open-loop daylighting controls
- Supports up to 6 lighting zones per room
- Simple setup using the NX mobile App



Integrated Sensors

- Luminaire-integrated design reduces complexity and design time
- Out-of-the-box operation to meet code and simplify installation
- Bluetooth® enabled sensors available in five versions to address occupancy and daylight dimming

Third Party Controls

To facilitate compatibility with third parties, SpectraSync™ color tuning technology provides designers with a flexible and elegant approach for control, from simple wall box dimmers to complex programmable systems using standard 0-10V control protocol.



ALERA LIGHTING

ARCHITECTURAL AREA LIGHTING

BEACON PRODUCTS

COLUMBIA LIGHTING

COMPASS

DUAL-LITE

HUBBELL CONTROL SOLUTIONS

HUBBELL INDUSTRIAL LIGHTING

HUBBELL OUTDOOR LIGHTING

KIM LIGHTING

KURT VERSEN

LITECONTROL

PRESCOLITE

WHITEWAY

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