



Antimicrobial Lighting Made Simple

Hubbell Lighting's SpectraClean™ enabled luminaires leverage developments in lighting and microbiology to provide continuous and unobtrusive environmental disinfection as part of the lighting system. Antimicrobial disinfection through illumination is proven effective with proper dosage levels on pathogens suspended in air or attached to a variety of surfaces, materials and objects.

SpectraClean is available in four modes, allowing for customization to design around the needs of specific commercial applications.

Modes

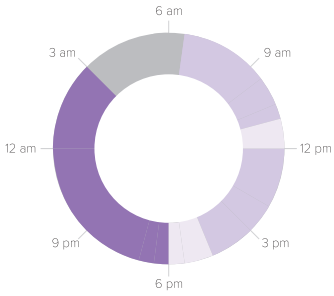
- B** **Blended** - One luminaire. One mode of operation. This option combines SpectraClean Antimicrobial Lighting with white light to provide class leading illumination while maintaining the appearance of a traditional white LED source. This allows for in-use disinfection.
- B+** **Blended Plus** - One luminaire. Two modes of operation. This combines SpectraClean enhanced white light with a high dosage SpectraClean mode for periods of accelerated disinfection.
- N** **Independent** - One luminaire. Two modes of operation. This configuration operates discretely either as high dosage SpectraClean Antimicrobial Lighting or white ambient lighting. This SpectraClean mode is intended for periods of accelerated disinfection while the space is not being used.
- D** **Dedicated** - One luminaire. One mode of operation. This configuration is a high dosage SpectraClean Antimicrobial Lighting solution for concentrated disinfection, independent of white ambient lighting.

SpectraClean enabled luminaires can also be paired with Hubbell Control Solutions NX Distributed Intelligence lighting control system. When combined with NX Room Controllers and NX Occupancy Sensors, SpectraClean luminaires can be controlled based on required dosage or with pre-programmed schedules to simplify control while maximizing disinfection of the application.

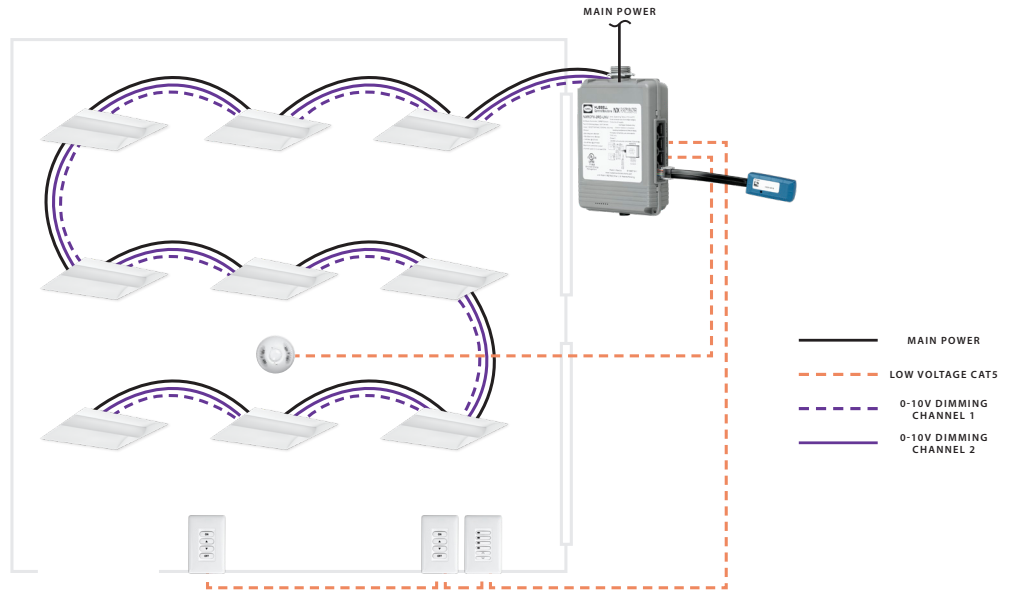


- Complete control solution for applications using SpectraClean antimicrobial technology
- Simplified installation with device auto-configuration and plug-n-play connectivity
- Free Bluetooth enabled mobile app for ease of configuration
 - Available for both iOS and Android devices
- Specialized settings for SpectraClean enabled fixtures that allow easy configuration of dosage and pre-programmed schedules via intuitive app interface

Blended Plus and Independent

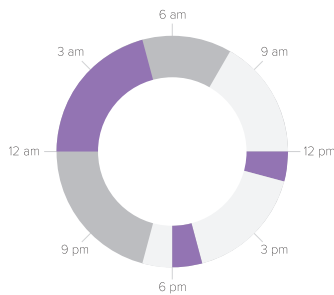


- Business hours, occupied times - white light blended with SpectraClean
- Business hours, unoccupied times - dimmed white light blended with SpectraClean
- Off hours, unoccupied times - scheduled cleaning with high dosage SpectraClean
- Off hours, unoccupied times - light system off

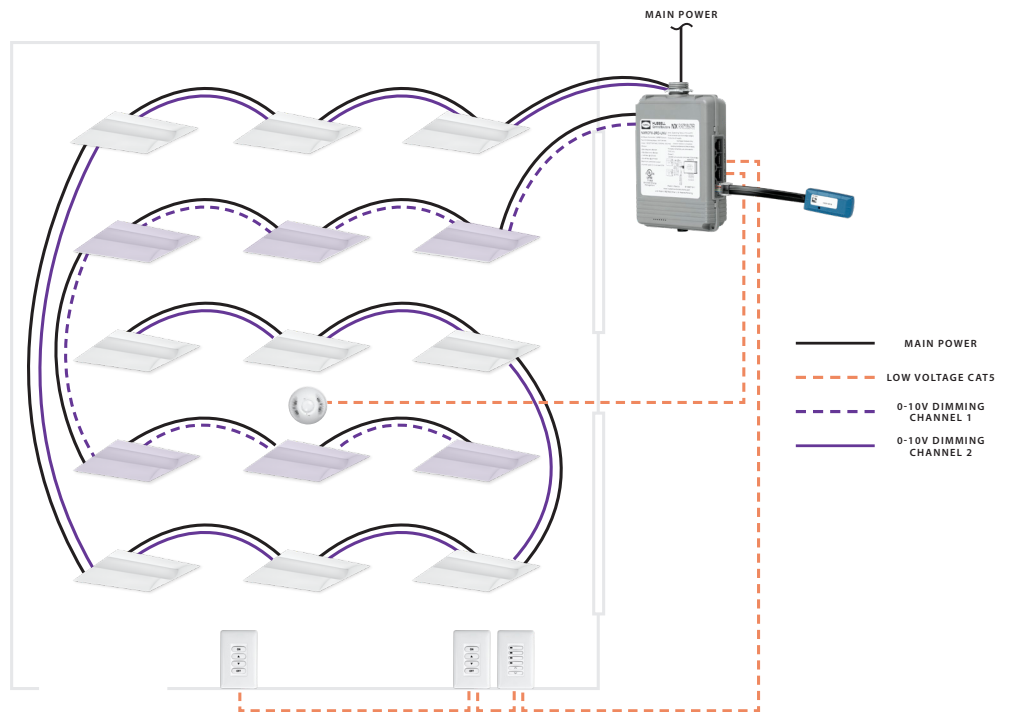


Typical NX Distributed Intelligence Layout for Blended Plus or Independent SpectraClean Modes

Dedicated



- Occupied times - white ambient/task lighting
- Off hours, unoccupied times - scheduled cleaning with high dosage SpectraClean™
- Off hours, unoccupied times - light system off



Typical NX Distributed Intelligence Layout for Dedicated SpectraClean Modes

Note: Drawings not shown to scale and are intended as illustrative example of the application