
Smart Lighting Solutions is an Authorized Service Provider for the manufacturers that we represent. We employ Application Engineers, Designers and Technicians to assist the Electrical Contractor with any size project that includes lighting controls.

PRE-CONSTRUCTION

Pre-Construction Service is required for Networked Lighting Controls Systems that include Time Based Control, Dimming, Daylight Harvesting, and/or Occupancy/Vacancy Sensing. Pre-Construction Service is designed to provide the Electrical Contractor with an overview of the installation and the requirements to prepare and document the lighting control system for system for Startup. A Smart Lighting Solutions Engineer, Designer or Technician shall meet with the Electrical Contractor installers to review the project documentation (Approved Shop Drawings), equipment, and various startup check lists.

Pre-Construction Service is scheduled by submitting the Service Request Form (contact Smart Lighting for access) a minimum of ten (10) business days prior to the requested service date. The Electrical Contractor shall provide a meeting location suitable for reviewing the project documentation (Approved Shop Drawings) and any equipment that has already arrived at the site. The meeting must include the actual installers. Please allow for up to four (4) hours for Pre-Construction meeting.

SCOPE OF WORK – REVIEW SHOP DRAWINGS:

Upon arrival at the meeting location, Smart Lighting Solutions shall provide the Electrical Contractor with a color print out of the Approved Shop Drawings (Size E is standard, other size if requested in advance) and a sign-in sheet for all attendees.

- Review Bill of Material (B.O.M.), Part #'s & drawing symbols
- Review typical wiring details for equipment
- Review floor plans and equipment locations
- Review wiring requirements (CAT5 max distances, do's & don'ts, color code & orientation, etc...)
- Review serial number and sticker requirements

SCOPE OF WORK – REVIEW EQUIPMENT AND PROJECT INFORMATION:

- Review equipment, installation requirements / recommendations & locations
- Review zoning with special attention in rooms with multiple zones
- Review Bridge Port LED blinking and check-out process
- Review 0-10V dimming signal wiring and check-out process
- Review out of the box auto configuration and check-out process
- Review time schedules and sequence of operation
- Review integration requirements – BACnet, etc.. (if any)
- Review other purchased services and project time line
- Review scope of work and exclusions
- Review project contacts and site requirements



SCOPE OF WORK – CHECK-LIST:

- All cables verified good with CAT5 cable tester
- All 0-10V dimming signals verified good from fixture to control module
- All zones auto configured
- All Bridge Port LED gave proper signal
- All Bridges & Backbone devices installed and powered

PART NUMBER:

PRE-CON: Normal business hours (8am - 5pm) Monday through Friday

DELIVERABLES:

Color Print-out of Approved Shop Drawings (Size E is standard, other size if requested in advance)
Field Service Report (FSR) with any gaps or follow-up actions required
Attendee List

ADDITIONAL NOTES AND CLARIFICATIONS:

- Scheduling Lead Time without additional cost: Ten (10) business days from Submittal request
- Cancellation / Rescheduling without additional cost: Three (3) business days prior to on-site date
- *Additional exclusions: installation of product, as-built drawings, troubleshooting installation issues, repair or replacement of defective product, background check, safety training, drug screening, work with commissioning agent, attending project meetings, project management or any other work not directly related to initial startup and programming. Pre-Con excludes Training, sold separate.*

