

# Nomad Group Lighting and Bid Information



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## Circuiting Rules for the Remodel

The general idea of the re-circuiting of the restaurant follows the rules listed below.

- 1) All Back Bar and Bar top Lighting should be segregated by fixture type as shown on E.L.I. sheets.
- 2) Pendants should be circuited only with other pendants.
- 3) Chandeliers should be circuited only with other chandeliers.
- 4) Sconces should be circuited only with other sconces.
- 5) All new circuits should have their own dedicated neutral.

## OLIVE GARDEN REMODEL DIMMING AND LIGHTING CONTROL SCOPE

### Overview

It is the desire of Olive Garden that at the end of each project the lighting is installed and operational as defined by the plans. This means that:

1. Each location will have a lighting system (see RCP/E-Sheet for system specification).
  - a. If there is an existing Marlin system at the site, the project EC will replace the Marlin system with one or two new Lutron Systems (dependent on the amount of Marlin panels are currently in the restaurant). The Contractor will be responsible for purchasing this system. This system will be obtained via Specialty Lighting Group (see below)
  - b. If there is no lighting system (existing wall box dimmers), the GC will purchase and install a new Lutron system. This system will be obtained via Specialty Lighting Group (see below).
  - c. Dimming systems will include a photocell which will be programmed to control exterior signage.
  - d. Some location, Tyco will be providing inputs to the lighting system to turn lights off 30 minutes after the systems armed and to turn all lights on in the case of an intrusion.
2. All lighting loads MUST be connected as indicated on the plans. If there is any question of seemingly wrongly circuited fixture – contact Nomad Group ASAP.
3. All exterior lighting will be incorporated into the lighting control system.
  - a. All signage must be controlled apart from other exterior lighting, even if additional wiring to signage is required.
  - b. To the extent that the following can be done at the contractor's location, all exterior lighting should be controlled in the following groups: signs, building, parking, and security. Any additional contactors required to segregate these loads are the contractor's responsibility. All Contactors should be electrically held. If existing contactors are not they should be replaced in order to function with new lighting panel. It is not intended that additional wiring on the exterior of the building be done to accomplish this.

### Available Documentation

Nomad Group has performed the surveys for all locations. We are available to discuss the scope of work and existing conditions with anyone who needs more information. As part of the bidding packet you should receive the following site-specific documents from Nomad prepared as part of our pre-remodel survey:

- Nomad Circuits, Reflected Ceiling Plan (RCP), and E-Sheet directly from Engineer]
- Applicable Lutron One Line Diagram
- Field Report Prepared by Nomad
- Dimming Panel Schedule

-Electrical Data Survey Notes: This is an import document for the EC, it identifies existing circuiting. This survey included significant note taking and many pictures which are available to any contractor wishing access to them. Please contact Nomad Group at [darden@nomadgroup.com](mailto:darden@nomadgroup.com) for instructions to access the pictures.

### General Timeline

At Olive Garden remodels are 6-8 week projects. For all sites requiring Lutron systems, the GC should schedule delivery through Specialty Lighting as early in the remodel as is possible. Nomad's Project Manager will be in contact with the site to setup commissioning.

### Dimming system checklist

- Dimmer Panel 01 Installed and powered up?
- Is the black LCP controller screen on and is the text visible when you press the OK button
- Dimmer Panel 02 Installed and powered up?
- Is the black LCP controller screen on and is the text visible when you press the OK button
- Lutron Wall Station 01 / 4 Button Installed adjacent to Dimmer Panel 01 in 2-gang wall box?
- Engraved Button cover present (Signs, Building, Parking, Security)?
- Lutron Wall Station 02 / 5 Button Installed adjacent to Dimmer Panel 01 in 2-gang wall box?
- Engraved Wall Button cover present (Prep, Lunch, Dusk, Dinner, Overnight)?
- Is the photocell installed on the roof?
- Provide physical location where photocell is installed (Example; Attached to RTU #3)

- Is the photocell aimed North? (not up at the sky)
- Is the Lutron GRX, Photocell Control Module mounted in Dimmer Panel 01?
- Is the Photocell wired to the Lutron GRX, Photocell Control Module per plan?
- Is the Lutron GRX, Photocell Control Module power supply installed in Dimmer Panel 01?
- Is the Lutron GRX, Photocell Control Module power supply wired and powering the the control module per plan?
- Have all dimming loads/lighting circuits been segregated per E.1.1 sheet?
- Have all dimming loads/lighting circuits been cleared of shorts?
- Are all bypass jumpers installed at Dimming Panels?
- Does each load/DH lighting circuit have its own separate neutral installed and landed at the dimming panel?
- Have all previous/existing controls been removed? i.e. wall box dimmers/toggle switches....
- Have the exterior lights been segregated into 4 control groups? Signs/Building Lights/Parking Lights/Security, Backdoor
- Have the exterior lighting switch legs been landed at SH terminals in Dimming Panel 01 and tied to contactors? SH01-Signs / SH02-Building / SH03-Parking / SH04-Security
- All Contactors should be electrically held. If existing contactors are not, they should be replaced in order to function with new lighting panel.
- Has the Blue Lutron Cable been run to all Dimming Panels and wall stations? Cable should be daisy chained to all devices.
- Have all new lighting fixtures been installed? Powered?
- Have all lamps been installed/replaced according to plans and lighting package?
- Are all lighting fixtures installed and powered?

### Commissioning

Nomad is tasked with the responsibility of commissioning these dimming systems by Darden. To this end, we will work with the GC and EC to confirm that wiring is to specification, the system is operating as intended, all light levels are set to specification, documentation is accurate, and Darden personnel are appropriately trained on the operation of the system. Our intent is to commission the system in week 5 of the project, such that there will be ample time for the electrician to address any punch list items needed before the job is complete. The commissioning visit will be scheduled directly with the site superintendent.

### CAUTION

Nomad Group has been contracted by Darden to verify that all loads are installed and wired as the plans indicate. Please make sure that the electrical contractor is aware of this. In the past it has been somewhat acceptable to simply connect to the closest circuit, in this case it will not be allowed and will have to be reworked as designed. ALSO – if something does not make any sense, please have the EC contact us immediately and we will work with Darden and the Engineer to resolve any questions.

Contact Nomad Group with any questions:  
[darden@nomadgroup.com](mailto:darden@nomadgroup.com)  
866.853.8593

For Lutron equipment contact:  
Specialty Lighting Group  
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Nomad Group  
Information

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Scope of Work Detail



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