

## Small Office

Title 24 Part 6 2022 Compliant  
Dimming with NX Distributed Intelligence

### BILL OF MATERIALS

**NXHNB2** - NX Network Bridge Module for networking rooms together  
**NXRCFX2-1RD-UNV** - NX Room Controller 1 relay on/off for receptacle or 0-10 volt dimming for lighting  
**NXSMIR-LH2** - NX Digital Smart Occupancy Sensor, Wall Switch, PIR, with Daylight Harvesting, Integrated Bluetooth, 2 Button

### CODE REQUIREMENTS

- 130.1(a): Manual Area Controls
- 130.1(b): Multilevel Lighting Controls
  - Table 130.1-A: Continuous Dimming 10-100 %
- 130.1(c): Shut -Off Controls
- 130.1(e): Demand Response Controls Building > 4000 Watts
  - 110.12 (a): 1.B responding to signal from a certified Virtual End Node
- 130.1(f): Control Interactions
- 130.5(d): Controlled Receptacles

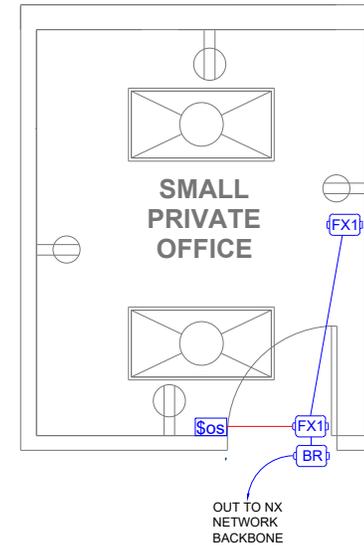
### SEQUENCE OF OPERATION

1. Lighting auto On to 50% and controlled receptacles auto On when occupancy detected.
2. Manual On/Off lighting with wall switch occupancy sensor.
3. Auto off all lighting and controlled receptacles within 20 minutes of occupants leaving.

### DESIGN CONSIDERATIONS

- BMS Integration and Demand Response functions are enabled by using a NX bridge for connectivity.
- System Configuration Tools:
  - Standalone rooms use the NX Lighting Controls APP (Apple or Android)
  - Networked rooms NX Area Controller (NXAC)

QTY	SYMBOL LIST
1	 NETWORK BRIDGE
2	 ROOM CONTROLLER 1 RELAY
1	 WALL OCCUPANCY SENSOR



 Current Dept. Phone: 213-477-7245 Email: lighting@currentlighting.com	REV:	QUOTE ID:	DATE:	BY:	TITLE 24 PART 6 2022 Small Office Room   Main Switchboard: (866) 678-1000 Technical Service: (800) 988-8008 www.currentlighting.com	PROJECT ID: DESIGNED BY: [ ] ISSUE DATE: DRAWING: CURRENT REVISION ©2022 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values unless measured under laboratory conditions.