CORRIDOR / HALLWAY

Title 24 Part 6 2022 Compliant
Dimming with NX Distributed Intelligence

QTY	SYMBOL LIST
1	BR NETWORK BRIDGE
1	FX1 ROOM CONTROLLER 1 RELAY
1	ORLO NX SWITCH-ON/OFF/RAISE/LOWER
2	OS OCCUPANCY/DAYLIGHT SENSOR

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 for lighting
NXSW2-ORLO-WH - NX Digital Switch Station, On/Raise/Lower/Off, White
NXSMDT-OMNI - NX Occupancy/Daylight Sensor, 24V, Ceiling Mount, PIR and Ultrasonic, 360º, 2,000 Sq. Ft.

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(d): Automatic Daylight Responsive
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

SEQUENCE OF OPERATION

1. Lighting (a) auto On to 100% when occupancy detected. All lighting lowers to 50% within 20 minutes of occupants leaving area.
2. Manual On/Off/Dim general lighting (a) with dimmer switch.
3. Auto off all lighting at end of business day via time clock.

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 use NX Area Controller (NXAC)

LIGHTING SYSTEMS
www.ltgsys.com
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2322 6th Street
Berkeley, CA 94710

TYP CORRIDOR / HALLWAY - TITLE 24 2022

MANUFACTURER: NX BY CURRENT

APPLICATION
DATE: 07/26/23

1.7.0