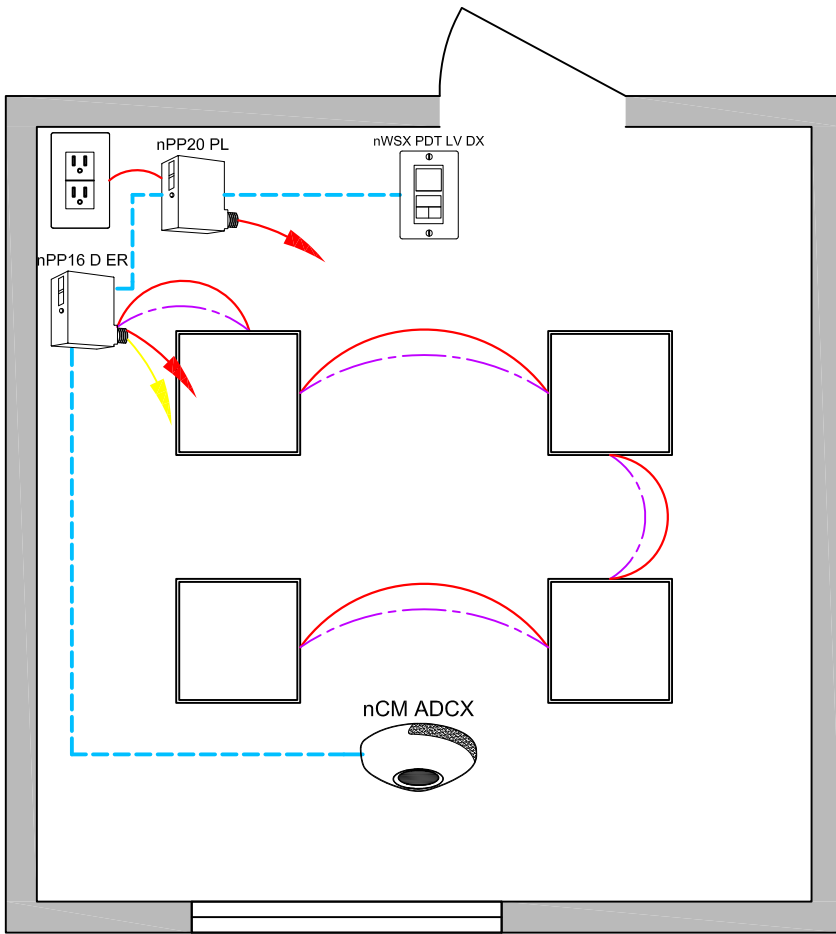


# CA TITLE 24 2013 DESIGN GUIDE

PRIVATE OFFICE WITH EMERGENCY & 0-10V DIMMING FIXTURES & WINDOW(S)  
CONTROLLED USING A OCCUPANCY WALL SWITCH



## SEQUENCE OF OPERATION:

### LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

### OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

### DAYLIGHT

- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR THAT HAVE LOADS <120W

### MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

### ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- SUBSTITUTE MODEL nPP16D SA FOR DEFAULT MANUAL ON FUNCTIONALITY OR nPP16D PA FOR DEFAULT AUTO-ON TO 50% FUNCTIONALITY
- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)

## DIAGRAM LEGEND

--- CAT-5e CABLE

— LINE VOLTAGE WIRES

--- 0-10VDC WIRES

→ LINE FEED

→ EM FEED

## BILL OF MATERIAL

| QTY | PRODUCT #      | DESCRIPTION                                      |
|-----|----------------|--|
| 1   | nPP16 D ER     | EMERGENCY RELAY MODULE WITH 0-10V DIMMING OUTPUT |
| 1   | nPP20 PL       | PLUG LOAD RELAY PACK                             |
| 1   | nWSX PDT LV DX | ON/OFF & RAISE/LOWER WALL OCCUPANCY SWITCH       |
| 1   | nCM ADCX       | AUTOMATIC DIMMING CONTROL PHOTOCELL              |

## SUPPORTS THE FOLLOWING REQUIREMENTS:

- ✓ FULL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)
- ✓ LOCAL SWITCH (SECTION 130.1a)
- ✓ PLUG-LOAD CONTROL (SECTION 130.5d)
- ✓ MULTI-LEVEL/ DIMMING CONTROL (SECTION 130.1b)
- ✓ AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)
- ✓ MULTI-LEVEL DAYLIGHT CONTROL (SECTION 130.1d)