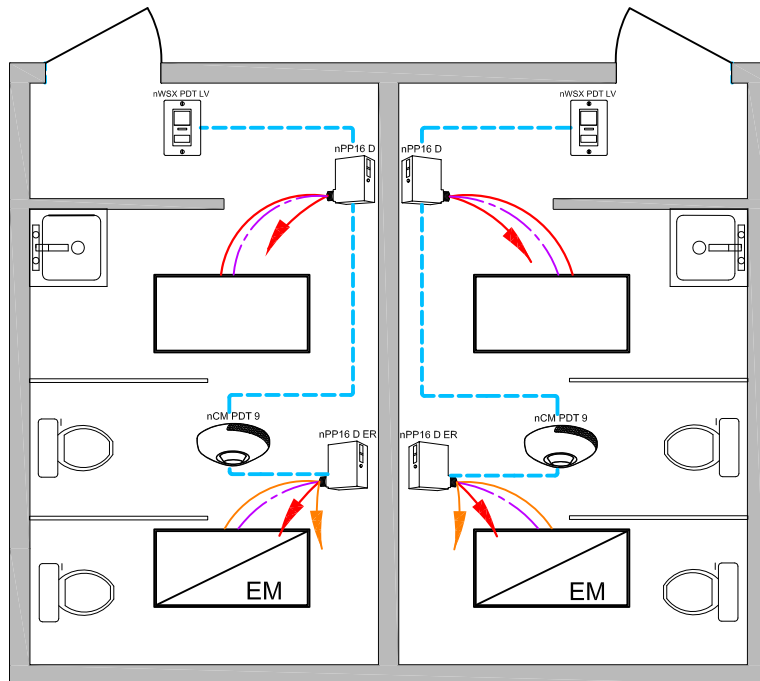


CA TITLE 24 2016 DESIGN GUIDE  
PUBLIC RESTROOM WITH 0-10 DIMMING FIXTURES



**SEQUENCE OF OPERATION:**

**LIGHTS**

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

**OCCUPANCY**

- LIGHTS AUTOMATICALLY TURN ON WHEN OCCUPANT ENTERS (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

**MANUAL**

- MASTER ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

**ADDITIONAL OPTIONS:**

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- SUBSTITUTE MODEL 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)
- CONTROL HVAC SYSTEMS via AN OPTIONAL RELAY CONTACT "AR" OR THROUGH THE BACNET ECLYPSE CONTROLLER.

**DIAGRAM LEGEND**

- CAT-5e CABLE
- LINE VOLTAGE WIRES
- 0-10VDC WIRES
- LINE FEED
- EM FEED

**BILL OF MATERIAL (per room)**

QTY	PRODUCT #	DESCRIPTION
1	nPP16 D	RELAY MODULE WITH 0-10V DIMMING OUTPUT
1	nPP16 D ER	UL924 RELAY MODULE WITH 0-10V DIMMING OUTPUT
1	nWSX PDT LV	DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSING w/ RAISE/LOWER
2	nCM PDT 9	DUAL TECHNOLOGY OCCUPANCY SENSOR

**SUPPORTS THE FOLLOWING REQUIREMENTS:**

FULL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)

LOCAL SWITCH (SECTION 130.1a)

MULTI-LEVEL/ DIMMING CONTROL (SECTION 130.1b)

AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)