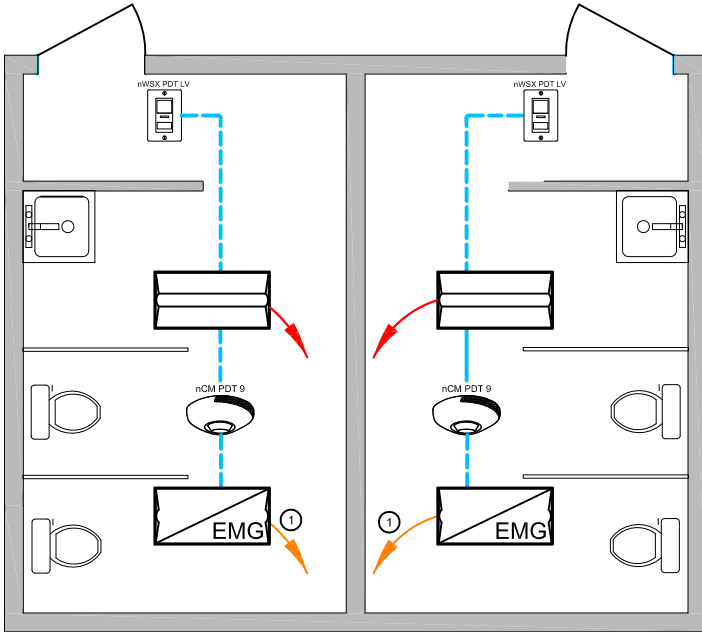


CA TITLE 24 2016 DESIGN GUIDE

PUBLIC RESTROOM WITH nLIGHT ENABLED FIXTURES



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NOTE: NOT ALL EMERGENCY nLIGHT ENABLED FIXTURES REQUIRE A NORMAL MONITORING FEED. REFER TO DATA SHEET FOR ADDITIONAL INFORMATION.

SEQUENCE OF OPERATION:

LIGHTS

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

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
- 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

→ LINE FEED

→ EM FEED

BILL OF MATERIAL (per room)

QTY	PRODUCT #	DESCRIPTION
1	VARIES	nLIGHT ENABLED FIXTURE
1	VARIES	nLIGHT ENABLED FIXTURE w/ EMG OPTION
1	nWSX PDT LV	DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR 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)