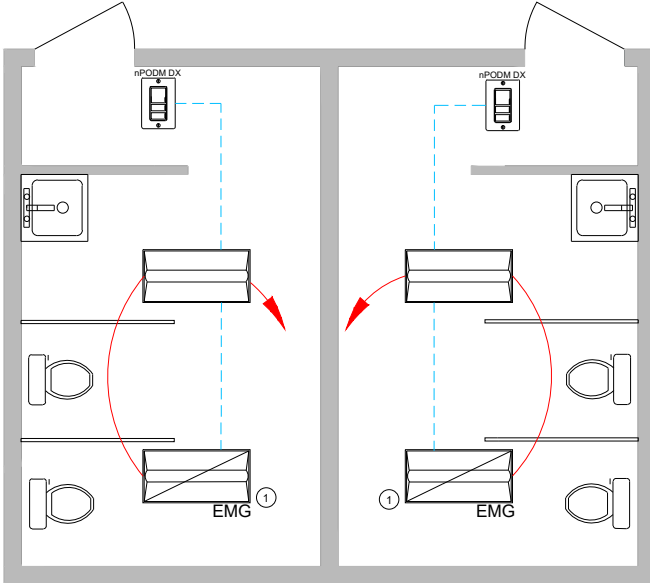


# CA TITLE 24 2019 DESIGN GUIDE

PUBLIC RESTROOM WITH nLIGHT ENABLED FIXTURES



nLIGHT



① Some nLight enabled EMG fixtures require a normal sense line connection. See fixture spec sheets for details.

### SEQUENCE OF OPERATION:

#### LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES CAN BE CONTROLLED TOGETHER OR INDEPENDENTLY
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

#### OCCUPANCY

- PARTIAL-ON OCCUPANCY SENSORS AUTOMATICALLY ACTIVATE BETWEEN 50-70% OF CONTROLLED LIGHTING POWER OR FIXTURES MUST BE TURNED ON MANUALLY

#### DAYLIGHT

- NOT REQUIRED IF ROOM HAS <24 FT2. OF GLAZING OR LIGHTING LOAD < 120W IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE
- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES DEFINED BY RELAY PACKS

#### MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF FIXTURES

#### ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NETWORK CONTROL, TIME SCHEDULES AND AUTOMATED DEMAND RESPONSE (OPENADR 2.0A)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE® CONTROLLER
- WIRELESS FIXTURE EMBEDDED CONTROL AND OCCUPANCY/DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET

DIAGRAM LEGEND	
	CAT-5e CABLE
	LINE VOLTAGE WIRES
	LINE FEED
	EM FEED

BILL OF MATERIAL (per room)		
QTY	PRODUCT #	DESCRIPTION
1	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE
1	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE w/ EMG OPTION
1	nPODM DX	ON/OFF, RAISE/LOWER WALL POD

### SUPPORTS THE FOLLOWING REQUIREMENTS:



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



AREA CONTROL (SECTION 130.1a)



MULTI-LEVEL/ DIMMING CONTROL (SECTION 130.1b)



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

Note: Contact your local lighting agent for more information on nLight enabled fixtures