

CA TITLE 24 2019 DESIGN GUIDE

WIRELESS PUBLIC RESTROOM WITH nLIGHT AIR ENABLED FIXTURES



nLIGHT AIR

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

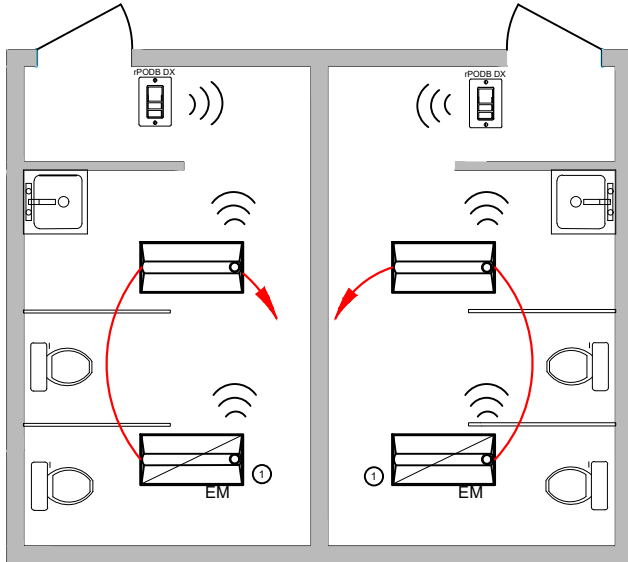
- NOT REQUIRED IF ROOM HAS <24 FT². OF GLAZING OR LIGHTING LOAD < 120W IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE
- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES DEFINED BY RELAY PACKS

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



① Fixtures assumed to be battery backup

| DIAGRAM LEGEND | | BILL OF MATERIAL (per room) | | |
|----------------|--------------------|-----------------------------|-------------|--|
| | LINE VOLTAGE WIRES | QTY | PRODUCT # | DESCRIPTION |
| | LINE FEED | 1 | SEE NOTE | nLIGHT AIR ENABLED FIXTURE |
| | | 1 | SEE NOTE | nLIGHT AIR ENABLED FIXTURE w/ BATTERY OPTION |
| | | 1 | rPODB DX G2 | 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