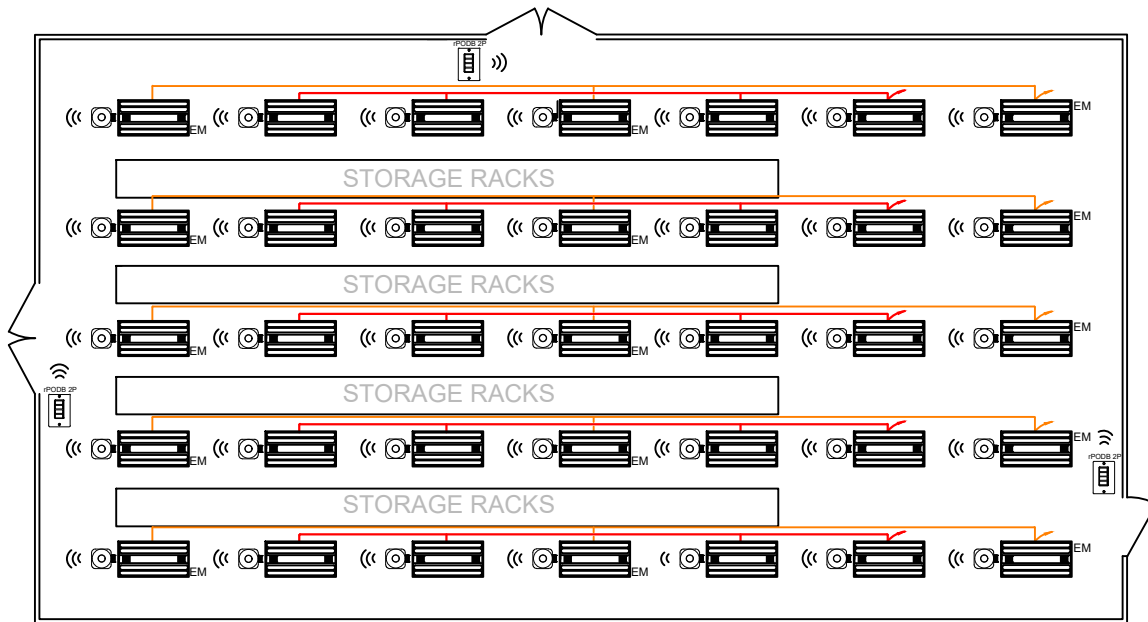


# CA TITLE 24 2019 DESIGN GUIDE

WIRELESS WAREHOUSE STORAGE WIRELESS ENABLED FIXTURES



nLIGHT AIR



### SEQUENCE OF OPERATION:

#### LIGHTS

- ALL LIGHTS ARE DIMMABLE
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

#### OCCUPANCY

- FIXTURES AUTOMATICALLY TURN OFF OR OPTIONALLY CAN BE CONFIGURED TO DROP TO LOW DIM SETTING OF AT LEAST 50% WHEN SPACE BECOMES VACANT

#### DAYLIGHT

- NOT REQUIRED IF ROOM HAS <24 FT<sup>2</sup>. OF GLAZING OR LIGHTING LOAD < 120W IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE
- SMOOTH CONTINUOUS DIMMING

#### MANUAL

- MASTER ON/OFF & RAISE /LOWER CONTROL OF ENTIRE SPACE

| DIAGRAM LEGEND |                    |
|----------------|--------------------|
|                | LINE VOLTAGE WIRES |
|                | LINE FEED          |
|                | EM FEED            |

| BILL OF MATERIAL |             |   |
|------------------|-------------|---|
| QTY              | PRODUCT #   | DESCRIPTION                               |
| 20               | IBG SERIES  | NLIGHT AIR ENABLED FIXTURE                |
| 15               | IBG SERIES  | NLIGHT AIR ENABLED FIXTURE with EM OPTION |
| 3                | rPODB 2P G2 | 2 POLE ON/OFF WALL POD                    |

#### ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- CONTROL HVAC SYSTEMS via BACNET ECLYPSE CONTROLLER.
- WIRELESS FIXTURE EMBEDDED CONTROL AND OCCUPANCY/DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET

### SUPPORTS THE FOLLOWING REQUIREMENTS:

- FULL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)
- AREA CONTROL (SECTION 130.1a)
- PLUG-LOAD CONTROL (SECTION 130.5d)
- MULTI-LEVEL/ DIMMING CONTROL (SECTION 130.1b)
- AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)
- LESS THAN 120W PRIMARY DAYLIGHT ZONE DO NOT REQUIRE DAYLIGHT HARVESTING (SECTION 130.1d)

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