

# CA TITLE 24 2019 DESIGN GUIDE

WIRELESS OFFICE ≤ 250sqft WITH nLIGHT AIR ENABLED FIXTURES & WINDOW(S)



nLIGHT AIR

## SEQUENCE OF OPERATION:

### LIGHTS

- ALL LIGHTS ARE DIMMABLE
- FIXTURES ARE CONTROLLED BASED ON POWER PACK LINE VOLTAGE AND 0-10V WIRING
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

### OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%-70%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

### DAYLIGHT

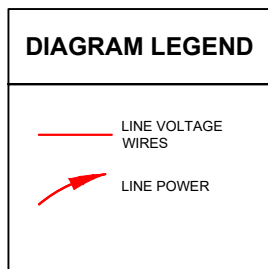
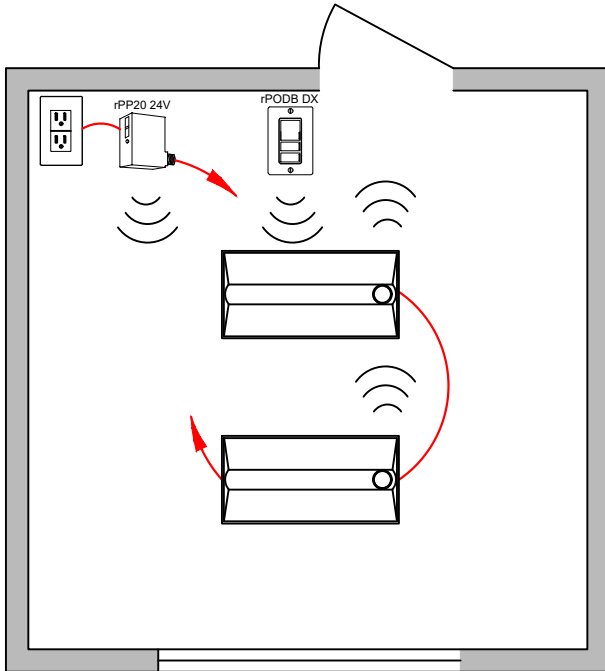
- NOT REQUIRED IF ROOM HAS <24FT OF GLAZING OR <120W, IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE

### MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

### 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



BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
2	SEE NOTE	nLIGHT AIR ENABLED FIXTURE
1	rPODB DX G2	ON/OFF & RAISE/LOWER WALL POD
1	rPP20 24V G2	PLUG LOAD RELAY PACK

## 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**