

WSEC 2015 DESIGN GUIDE

WIRELESS CONFERENCE ROOM WITH nLIGHT AIR ENABLED FIXTURES



nLIGHT AIR

SEQUENCE OF OPERATION:

LIGHTS

- ALL LIGHTS ARE DIMMABLE
- EACH ROW/FIXTURE CONTROLLED INDEPENDENTLY
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR CAN BE RECONFIGURED TO BE AUTO ON TO 50%)
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT

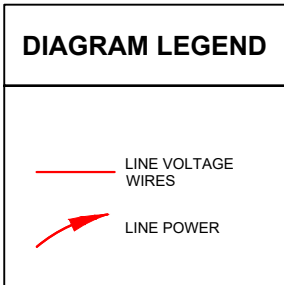
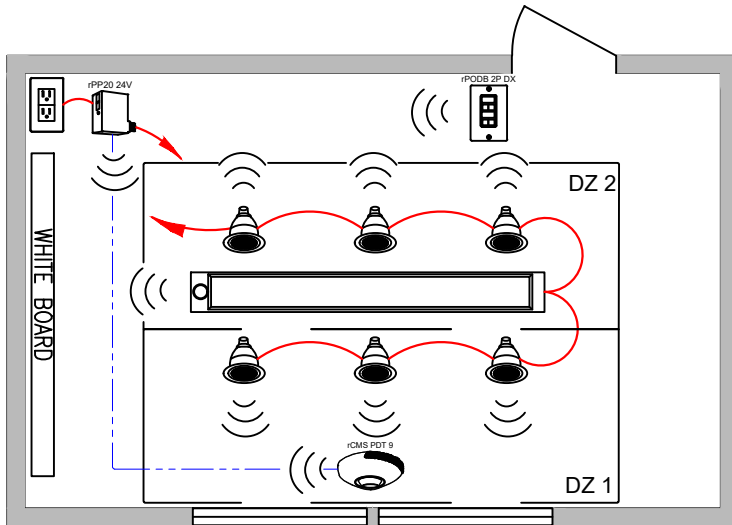
- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES DEFINED BY ROWS (OR CUSTOM GROUPING OF FIXTURES)

MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF TWO GROUPS OF LIGHTS

ADDITIONAL OPTIONS:

- ADD GRAPHIC WALLPOD (MODEL NPOD TOUCH) FOR INDIVIDUAL ROW AND UP TO 16 SCENE CONTROL
- ROOM CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NETWORK CONTROL OR TIME SCHEDULES (C405.2.2.1) AND QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER



| BILL OF MATERIAL | | |
|------------------|----------------|---|
| QTY | PRODUCT # | DESCRIPTION |
| 1 | SEE NOTE | nLIGHT WIRELESS ENABLED FIXTURE |
| 6 | SEE NOTE | nLIGHT WIRELESS ENABLED DOWNLIGHT FIXTURE |
| 1 | rPP20 24V G2 | PLUG LOAD RELAY PACK |
| 1 | rPODB 2P DX G2 | DUAL ON/OFF & RAISE/LOWER WALL POD |
| 1 | rCMS PDT 9 G2 | OCCUPANCY AND DAYLIGHT SENSOR |

SUPPORTS THE FOLLOWING REQUIREMENTS:



FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)



LOCAL SWITCH (C405.2.2.3)



LIGHTING REDUCTION (C405.2.2.2)



ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)



PLUG LOAD CONTROL (C405.10)