# WSEC 2015 DESIGN GUIDE
## CONFERENCE ROOM WITH 0-10V DIMMING FIXTURES

**Acuity**Controls™

**nLIGHT**



## SEQUENCE OF OPERATION:

LIGHTS
- ALL LIGHTS ARE DIMMABLE
- EACH ROW CONTROLLED INDEPENDENTLY
- ADJUSTABLE HIGH/LOW TRIM

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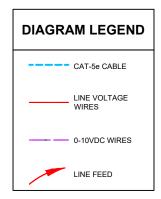- FIXTURES AND LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT
- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES DEFINED BY ROWS NOT REQUIRED FOR AREAS WITHOUT WINDOWS OR WITH TWO OR LESS LUMINARES

MANUAL
- ON/OFF & RAISE/LOWER CONTROL OF EACH ROW

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)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER OR THROUGH OCCUP

## DIAGRAM LEGEND

| | |
|---|---|
| ----- | CAT-5e CABLE |
| —— | LINE VOLTAGE WIRES |
| —·— | 0-10VDC WIRES |
| ➤ | LINE FEED |

## BILL OF MATERIAL

| QTY | PRODUCT # | DESCRIPTION |
|---|---|---|
| 2 | nPP16 D | RELAY PACK WITH 0-10V DIMMING OUTPUT |
| 1 | nPP20 PL | PLUG LOAD RELAY PACK |
| 1 | nPODM 2P DX | 2 POLE ON/OFF & RAISE/LOWER WALL POD |
| 1 | nCM PDT 9 | OCCUPANCY SENSOR |
| 1 | nCM ADCX DZ | 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)

✔ PLUG LOAD CONROL (C405.10)