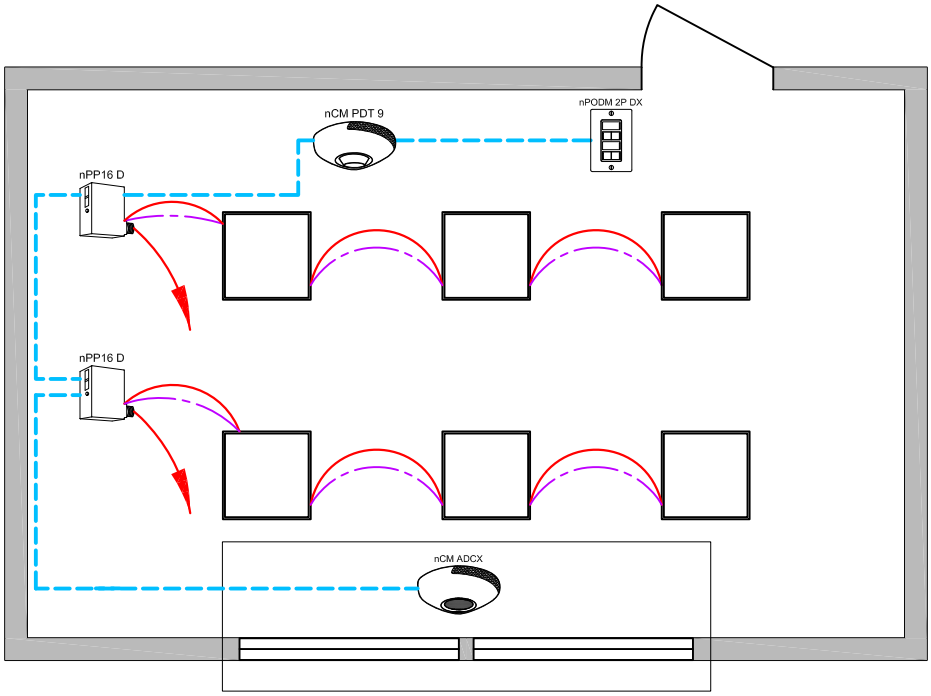
IECC 2015 DESIGN GUIDE

CONFERENCE ROOM WITH 0-10V DIMMING FIXTURES

AcuityControls™
nLIGHT



SEQUENCE OF OPERATION:

LIGHTS
- ALL LIGHTS ARE DIMMABLE
- EACH ROW 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
- NOT REQUIRED FOR AREAS WITHOUT WINDOWS OR THAT HAVE LOADS <150W IN SIDELIGHT ZONES

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

ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ADD nPODM 4S FOR FOUR SCENE OR nPODM GFX FOR TOUCH SCREEN CONTROL
- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR TIME SCHEDULES (C405.2.2.1)
- FOR EMERGENCY LIGHTING CONTROL ADD A NPP16 D ER PACK.

DIAGRAM LEGEND

- CAT-5e CABLE
- LINE VOLTAGE WIRES
- 0-10VDC WIRES
- LINE FEED

BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
2	nPP16 D	RELAY MODULE WITH 0-10V DIMMING OUTPUT
1	nPODM 2P DX	DUAL ON/OFF & RAISE/LOWER WALL POD
1	nCM PDT 9	DUAL TECHNOLOGY OCCUPANCY SENSOR
OPTIONS		
1	nCM ADCX	AUTOMATIC DIMMING CONTROL PHOTOCELL

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)
- SIDELIGHT DAYLIGHT ZONE (C405.2.3.2)