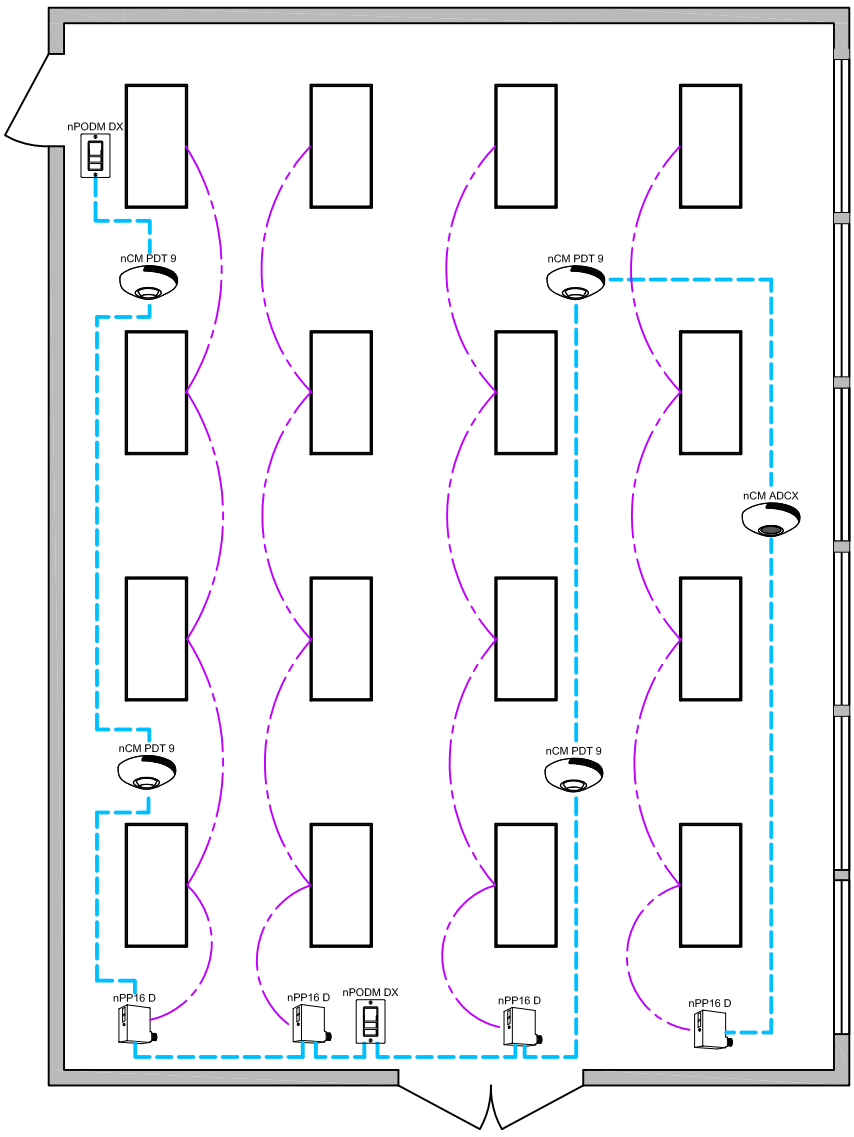
IECC 2015 DESIGN GUIDE

OPEN OFFICE WITH 0-10V DIMMING FIXTURES

AcuityControls™
nLIGHT



*LINE VOLTAGE WIRES NOT SHOWN.

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

MANUAL
- MASTER ON/OFF & RAISE/LOWER CONTROL OF ENTIRE ROOM
- OPTIONAL INDIVIDUAL ROW CONTROL (ADD nPODM 4 DX)

ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ADD GRAPHIC WALLPOD (MODEL NPOD GFX) FOR INDIVIDUAL ROW AND UP TO 16 SCENE CONTROL
- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR TIME SCHEDULES (C405.2.2)
- FOR EMERGENCY LIGHTING CONTROL ADD A NPP16 D ER PACK

DIAGRAM LEGEND

CAT-5e CABLE	
0-10VDC WIRES	

BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
4	nPP16 D	RELAY MODULE WITH 0-10V DIMMING OUTPUT
2	nPODM DX	ON/OFF & RAISE/LOWER WALL POD
4	nCM PDT 9	DUAL TECHNOLOGY OCCUPANCY SENSOR
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)