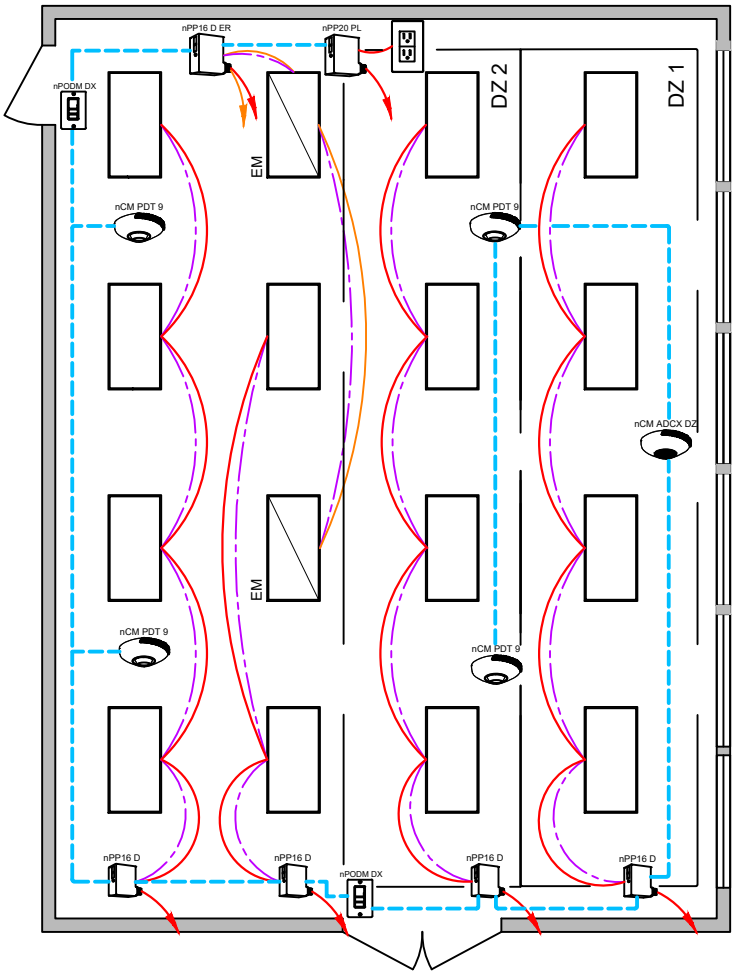
WSEC 2015 DESIGN GUIDE

OPEN OFFICE WITH 0-10V DIMMING FIXTURES

AcuityControls™
nLIGHT



SEQUENCE OF OPERATION:

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

OCCUPANCY CONTROL:
- FIXTURES MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- FIXTURES AND RECEPTACLES AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT CONTROL:
- SMOOTH CONTINUOUS DIMMING
- DAYLIGHT ZONES DEFINED BY ROWS
- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR WITH TWO OR LESS LUMINAIRES

MANUAL CONTROL:
- MASTER ON/OFF & RAISE/LOWER CONTROL OF FIXTURES

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 OCCUPANCY SENSOR AUXILIARY RELAY (AR) CONTACT OPTION

DIAGRAM LEGEND

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

BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
4	nPP16 D	RELAY PACK WITH 0-10V DIMMING OUTPUT
1	nPP16 D ER	EMERGENCY RELAY PACK WITH 0-10V DIMMING OUTPUT
1	nPP20 PL	PLUG LOAD RELAY PACK
2	nPODM DX	ON/OFF & RAISE/LOWER WALL POD
4	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 CONTROL (C405.10)
- ✓ DAYLIGHT RESPONSIVE CONTROLS (C405.2.4)