WSEC 2015 DESIGN GUIDE

PRIVATE OFFICE ≤ 300sqft WITH nLIGHT ENABLED FIXTURES & WINDOW(S)

AcuityControls™

nLIGHT

SEQUENCE OF OPERATION:

LIGHTS
- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

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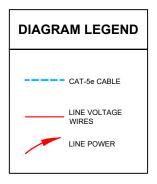- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT
- SMOOTH CONTINUOUS DIMMING
- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR THAT HAVE LOADS <150W IN SIDELIGHT ZONES

MANUAL
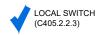- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

ADDITIONAL OPTIONS:
- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR TIME SCHEDULES (C405.2.2.1)
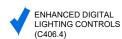- FOR EMERGENCY LIGHTING CONTROL ADD EMG OPTION TO FIXTURES.

DIAGRAM LEGEND

- – – – – CAT-5e CABLE
- ——— LINE VOLTAGE WIRES
- ➤ LINE POWER

BILL OF MATERIAL

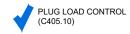| QTY	PRODUCT #	DESCRIPTION
2	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE
1	nWSX PDT LV DX	WALL SWITCH OCCUPANCY SENSOR ON/OFF & RAISE/LOWER WALL POD
1	nCM ADCX DZ	DAYLIGHT SENSOR

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)

✔ ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)

✔ PLUG LOAD CONTROL (C405.10)

Note: Contact your local lighting agent for more information on nLight enabled fixtures.
nLight enabled fixtures provide Luminaire Level Lighting Controls (LLLC), as specified inthe WSEC CODE.