WSEC 2015 DESIGN GUIDE

PUBLIC RESTROOM WITH nLIGHT ENABLED FIXTURES

AcuityControls™

nLIGHT

① Some nLight enabled EM fixtures require a normal sense line connection. See fixture spec sheets for details.

SEQUENCE OF OPERATION:

LIGHTS
- ALL FIXTURES ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER (PER ROOM)
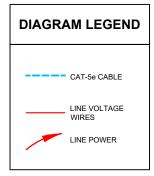- ADJUSTABLE HIGH/LOW TRIM

OCCUPANCY CONTROL:
- FIXTURES AUTOMATICALLY GO TO FULL BRIGHT WHEN OCCUPIED
- FIXTURES AUTOMATICALLY TURN OFF
- WHEN ROOM BECOMES VACANT

MANUAL CONTROL:
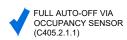- ON/OFF CONTROL OF FIXTURE (PER ROOM)

ADDITIONAL OPTIONS:
- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK 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
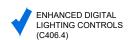
DIAGRAM LEGEND

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

BILL OF MATERIAL (per room)

QTY	PRODUCT #	DESCRIPTION
1	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE
1	SEE NOTE	nLIGHT WIRED ENABLED FIXTURE WITH EMG OPTION
1	nPODM DX	ON/OFF & RAISE/LOWER WALL POD
1	nCM PDT 9	DUAL TECHNOLOGY OCCUPANCY SENSOR

SUPPORTS THE FOLLOWING REQUIREMENTS:

✔ FULL AUTO-OFF VIA OCCUPANCY SENSOR (C405.2.1.1)

✔ LOCAL SWITCH (C405.2.3)

✔ LIGHTING REDUCTION (C405.2.2.2)

✔ ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)

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.