

WSEC 2015 DESIGN GUIDE

WIRELESS OPEN OFFICE WITH nLIGHT ENABLED FIXTURES



SEQUENCE OF OPERATION:

LIGHTS

- ALL FIXTURES ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER OR INDEPENDENTLY
- OPTIONAL AUTOMATIC LUMEN COMPENSATION
- 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
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER ZONES = NUMBER OF FIXTURES)
- 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) AND QUALIFY FOR ENHANCED DIGITAL LIGHTING CONTROLS (C406.4)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE CONTROLLER

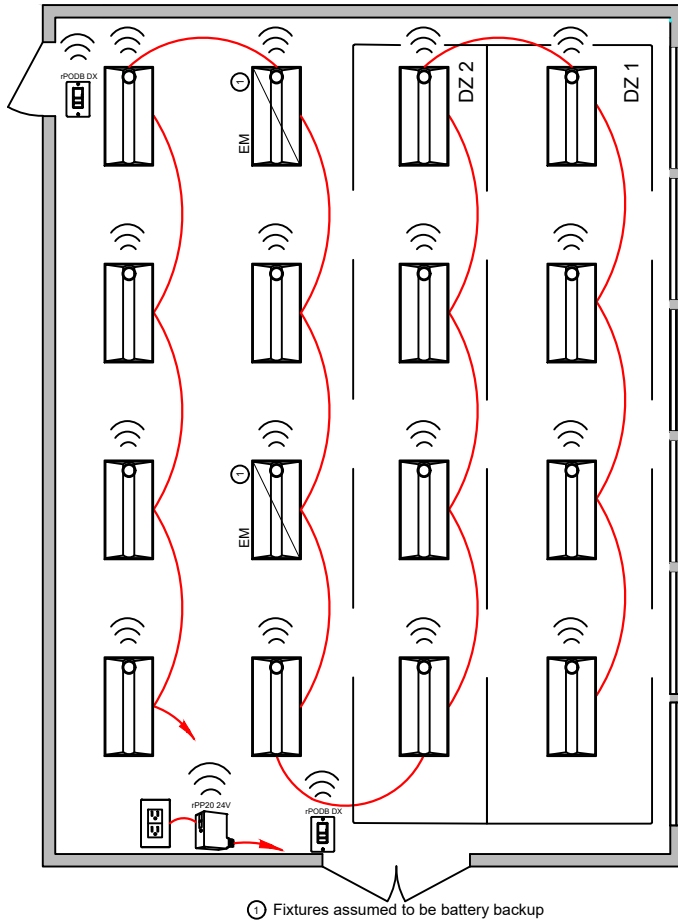


DIAGRAM LEGEND

- LINE VOLTAGE WIRES
- LINE POWER

BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
14	SEE NOTE	nLIGHT WIRELESS ENABLED FIXTURES
2	SEE NOTE	nLIGHT WIRELESS ENABLED FIXTURES with BATTERY OPTION
2	rPODB DX G2	2 POLE ON/OFF & RAISE/LOWER WALL POD
1	rPP20 24V G2	PLUG LOAD RELAY PACK

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 (C405.2.3.2)

Note: Contact your local lighting agent for more information on nLight enabled fixtures.

nLight enabled fixtures provide Luminaire Level Lighting Controls (LLC), as specified in the WSEC CODE.