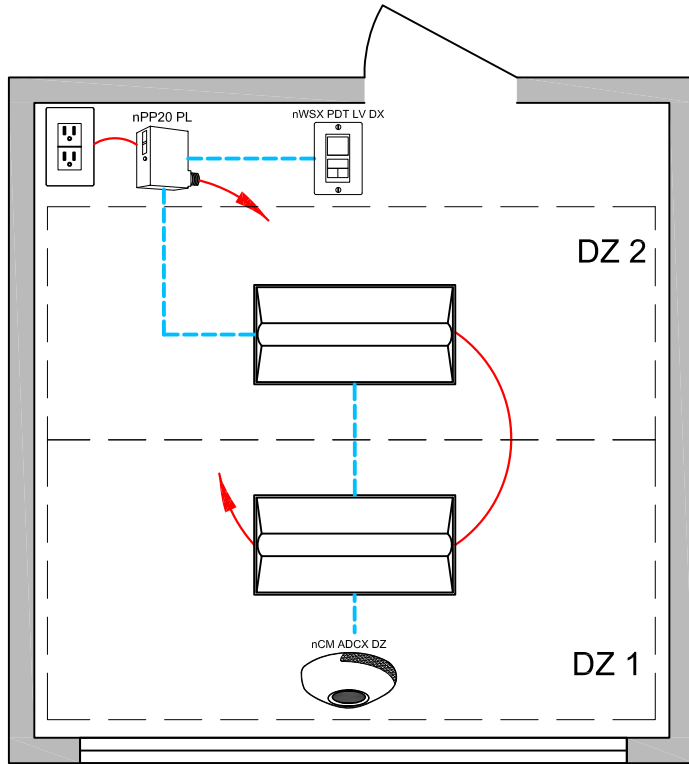


CA TITLE 24 2016 DESIGN GUIDE

PRIVATE OFFICE ≤ 250sqft WITH nLIGHT ENABLED FIXTURES & WINDOW(S)



SEQUENCE OF OPERATION:

LIGHTS

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

OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50% OR 70%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LIGHTS & PLUG LOAD AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT

- SMOOTH CONTINUOUS DIMMING
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER ZONES = NUMBER OF FIXTURES)
- NOT REQUIRED IF TOTAL FIXTURE IS < 120W, IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE

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 ADR (AUTOMATIC DEMAND RESPONSE)
- FOR EMERGENCY LIGHTING CONTROL ORDER THE FIXTURE OPTION n80EMG OR n100EMG.
- CONTROL HVAC SYSTEMS via AN OPTIONAL RELAY "AR" OR THROUGH THE BACNET ECLYPSE CONTROLLER.

DIAGRAM LEGEND	
	CAT-5e CABLE
	LINE VOLTAGE WIRES
	LINE POWER

BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
2	VARIES	nLIGHT ENABLED FIXTURE
1	nPP20 PL	PLUG LOAD RELAY PACK
1	nWSX PDT LV DX	WALL SWITCH OCCUPANCY SENSOR w/ ON/OFF & RAISE/LOWER
1	nCM ADCX DZ	AUTOMATIC DIMMING PHOTOCELL w/ DUAL ZONE CONTROL

SUPPORTS THE FOLLOWING REQUIREMENTS:

- FULL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)
- LOCAL SWITCH (SECTION 130.1a)
- PLUG-LOAD CONTROL (SECTION 130.5d)
- MULTI-LEVEL/ DIMMING CONTROL (SECTION 130.1b)
- AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)
- LESS THAN 120W PRIMARY DAYLIGHT ZONE DO NOT REQUIRE DAYLIGHT HARVESTING (SECTION 130.1d)