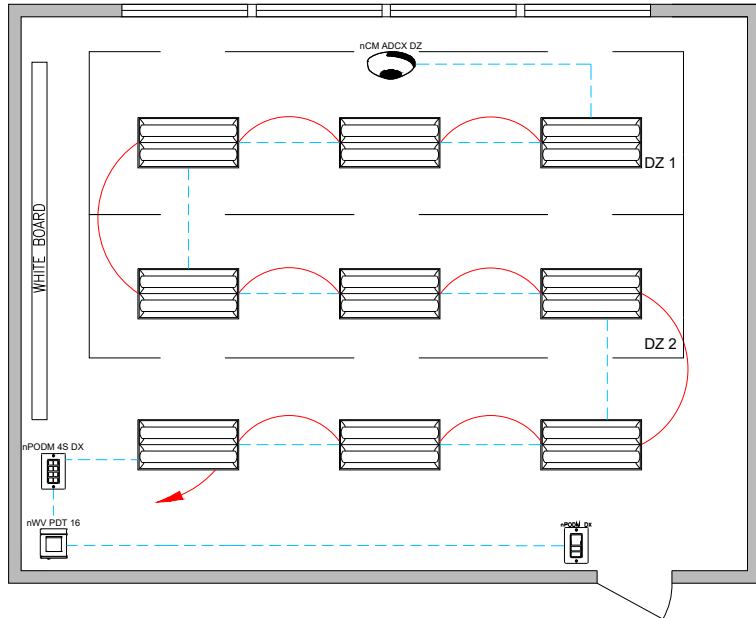


CA TITLE 24 2019 DESIGN GUIDE
CLASSROOM WITH nLIGHT ENABLED FIXTURES



SEQUENCE OF OPERATION:

LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES CAN BE CONTROLLED TOGETHER OR INDEPENDENTLY
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

- PARTIAL-ON OCCUPANCY SENSORS AUTOMATICALLY ACTIVATE BETWEEN 50-70% OF CONTROLLED LIGHTING POWER OR FIXTURES MUST BE TURNED ON MANUALLY
- FIXTURES AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT

- NOT REQUIRED IF ROOM HAS <24 FT2. OF GLAZING OR LIGHTING LOAD < 120W IN THE SKYLIT AND THE SIDELIT DAYLIT ZONE
- SMOOTH CONTINUOUS DIMMING
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGH ZONES (MAX.NUMBER OF ZONES =NUMBER OF FIXTURES)

MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF FIXTURES
- TEACHER STATION WITH 4 PRESET SCENES

ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NETWORK CONTROL, TIME SCHEDULES AND AUTOMATED DEMAND RESPONSE (OPENADR 2.0A)
- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET® INTERFACE OPTION ON THE ECLYPSE® CONTROLLER
- WIRELESS FIXTURE EMBEDDED CONTROL AND OCCUPANCY/DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET

DIAGRAM LEGEND	BILL OF MATERIAL		
CAT-5e CABLE	QTY	PRODUCT #	DESCRIPTION
LINE VOLTAGE WIRES	9	SEE NOTE	nLIGHT WIRED ENABLED FIXTURES
LINE POWER	1	nPODM DX	ON/OFF & RAISE/LOWER WALL POD
	1	nWV PDT 16	DUAL TECHNOLOGY WIDE VIEW OCCUPANCY SENSOR
	1	nCM ADCX DZ	AUTOMATIC DIMMING PHOTOCELL w/ DUAL ZONE CONTROL
	1	nPODM 4S DX	TEACHER STATION - 4 SCENE CONTROL MASTER ON/OFF RAISE/LOWER.

SUPPORTS THE FOLLOWING REQUIREMENTS:

- FULL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)
- AREA CONTROL (SECTION 130.1a)
- 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)

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