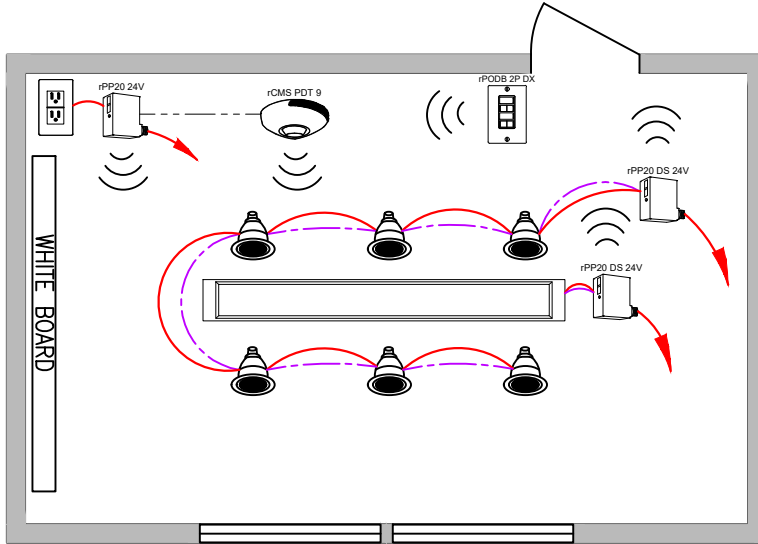


**CA TITLE 24 2019 DESIGN GUIDE**  
 WIELESS CONFERENCE ROOM WITH 0-10V DIMMING FIXTURES



**SEQUENCE OF OPERATION:**

**LIGHTS**

- ALL LIGHTS ARE DIMMABLE
- FIXTURES ARE CONTROLLED BASED ON POWER PACK LINE VOLTAGE AND 0-10V WIRING
- 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
- PLUG LOAD TURNS ON AUTOMATICALLY
- FIXTURES AND PLUG LOAD AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACAN

**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 TWO ZONES OF FIXTURES

**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**

- LOW VOLTAGE WIRES
- LINE VOLTAGE WIRES
- - - 0-10VDC WIRES
- ➔ LINE FEED

**BILL OF MATERIAL**

QTY	PRODUCT #	DESCRIPTION
2	rPP20 DS 24V G2	RELAY MODULE WITH 0-10V DIMMING OUTPUT
1	rPP20 24V G2	PLUG LOAD RELAY PACK
1	rPODB 2P DX G2	2 POLE ON/OFF & RAISE/LOWER WALL POD
1	rCMS PDT 9 G2	DUAL TECHNOLOGY OCCUPANCY SENSOR

**SUPPORTS THE FOLLOWING REQUIREMENTS:**

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