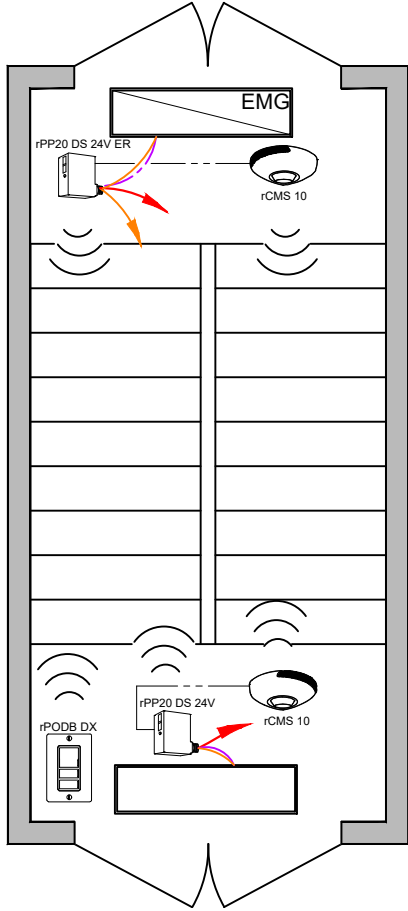


CA TITLE 24 2019 DESIGN GUIDE

WIRELESS STAIRWELL WITH 0-10V DIMMING FIXTURES



nLIGHT AIR



SEQUENCE OF OPERATION:

LIGHT FIXTURES:

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

OCCUPANCY CONTROL:

- FIXTURES AUTOMATICALLY TURN OFF OR OPTIONALLY CAN BE CONFIGURED TO DROP TO LOW DIM SETTING OF AT LEAST 50% WHEN SPACE BECOMES VACANT

DAYLIGHT CONTROL:

- 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 DAYLIGHT ZONES (MAX. NUMBER OF ZONES = NUMBER OF FIXTURES)

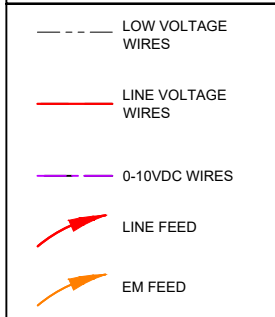
MANUAL CONTROL:

- ON/OFF & RAISE/LOWER CONTROL 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



BILL OF MATERIAL

QTY	PRODUCT #	DESCRIPTION
1	rPP20 DS 24V G2	RELAY PACK with 0-10V DIMMING OUTPUT
1	rPP20 DS 24V ER G2	EMERGENCY RELAY PACK with 0-10V DIMMING OUTPUT
1	rPODB DX G2	ON/OFF & RAISE/LOWER WALL POD
2	rCMS 10 G2	OCCUPANCY SENSOR and DAYLIGHT SENSOR

SUPPORTS THE FOLLOWING REQUIREMENTS:

✓ PARTIAL 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)