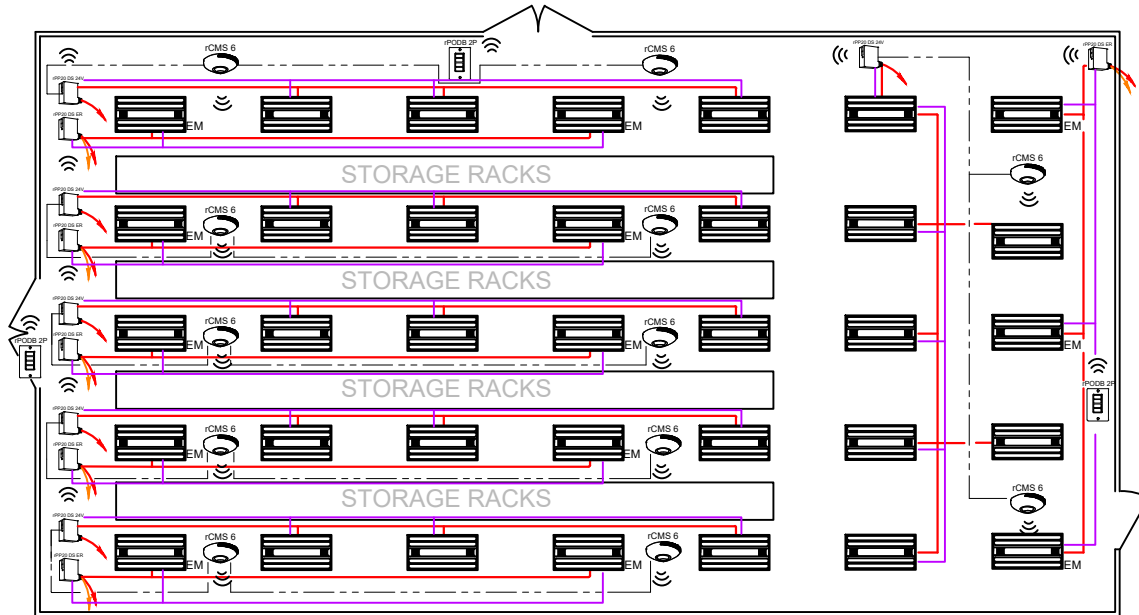


CA TITLE 24 2019 DESIGN GUIDE

WIRELESS WAREHOUSE STORAGE WIRELESS with 0-10V DIMMING FIXTURES



nLIGHT AIR



SEQUENCE OF OPERATION:

LIGHTS

- ALL LIGHTS ARE DIMMABLE
- MAXIMUM LEVEL CAN BE TASK TUNED TO ANY PERCENTAGE VIA PROGRAMMING

OCCUPANCY

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

MANUAL

- MASTER ON/OFF & RAISE /LOWER CONTROL OF ENTIRE SPACE

DIAGRAM LEGEND	
	LOW VOLTAGE WIRES
	0-10 VDC WIRES
	LINE VOLTAGE WIRES
	LINE FEED
	EM FEED

BILL OF MATERIAL			
QTY	PRODUCT #	DESCRIPTION	
6	rPP20 DS 24V G2	RELAY PACK with 0-10V DIMMING OUTPUT	
6	rPP20 DS ER G2	EMERGENCY RELAY PACK with 0-10V DIMMING OUTPUT	
12	rCMS 6 G2	OCCUPANCY SENSOR	
3	rPODB 2P G2	2 POLE ON/OFF WALL POD	

ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- CONTROL HVAC SYSTEMS via BACNET ECLYPSE CONTROLLER.
- WIRELESS FIXTURE EMBEDDED CONTROL AND OCCUPANCY/DAYLIGHTING SENSOR OPTIONS AVAILABLE, PLEASE SEE THE FIXTURE SPECIFICATION SHEET

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)