

CA TITLE 24 2019 DESIGN GUIDE

WIRELESS CORRIDOR WITH 0-10V DIMMING FIXTURES



nLIGHT AIR

SEQUENCE OF OPERATION:

LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES CONTROLLED TOGETHER OR INDEPENDENTLY
- 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
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER OF ZONES = NUMBER OF FIXTURES)

MANUAL

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

ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- SPACE / ZONE CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NET-WORK CONTROL OR ADR (AUTOMATIC DEMAND RESPONSE)
- CONTROL HVAC SYSTEMS via AN OPTIONAL RELAY "AR" OR THROUGH THE BACNET ECLYPSE CONTROLLER.

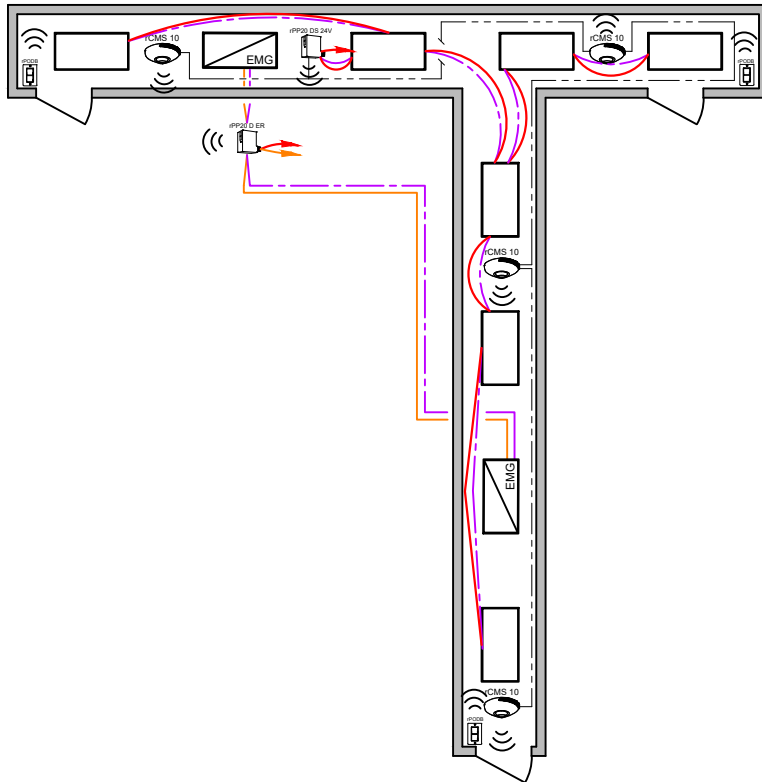


DIAGRAM LEGEND	
	LOW VOLTAGE WIRES
	LINE VOLTAGE WIRES
	0-10VDC WIRES
	LINE FEED
	EM FEED

BILL OF MATERIAL		
QTY	PRODUCT #	DESCRIPTION
1	rPP20 DS 24V G2	RELAY PACK WITH 0-10V DIMMING OUTPUT
1	rPP20 DS ER G2	EMERGENCY RELAY PACK WITH 0-10V DIMMING OUTPUT
4	RCMS 10 G2	OCCUPANCY SENSOR
3	rPODB DX G2	ON/OFF & RAISE/LOWER WALL POD

SUPPORTS THE FOLLOWING REQUIREMENTS:

FULL/ PARTIAL AUTO-OFF VIA OCCUPANCY SENSOR (SECTION 130.1c)

AREA CONTROL (SECTION 130.1a)

AUTOMATIC OFF via PROGRAMMABLE TIME CLOCK (SECTION 130.1c)

AUTOMATIC DEMAND RESPONSE (ADR) READY (SECTION 130.1e)