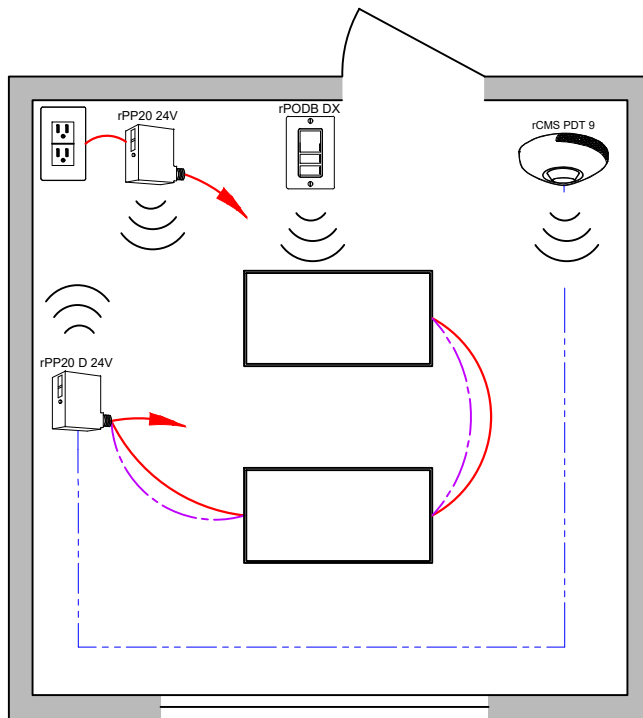


ASHRAE DESIGN GUIDE 90.1- 2016

WIRELESS PRIVATE OFFICE 0-10V DIMMING FIXTURES AND WINDOW(S)



SEQUENCE OF OPERATION:

LIGHTS

- ALL LIGHTS ARE DIMMABLE
- ALL FIXTURES ARE CONTROLLED TOGETHER
- MAXIMUM LEVEL CAN BE LIMITED TO 80%

OCCUPANCY

- LIGHTS MUST BE TURNED ON MANUALLY (OR OPTIONALLY CAN BE CONFIGURED TO COME ON AUTOMATICALLY TO 50%)
- PLUG LOAD TURNS ON AUTOMATICALLY
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

DAYLIGHT

- NOT REQUIRED FOR OFFICES WITHOUT WINDOWS OR HAVE SIDE LIT LOAD < 150W

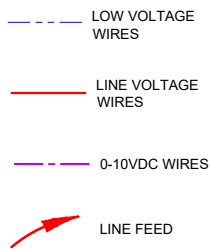
MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS

ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE
- SUBSTITUTE MODEL nPP16D SA FOR DEFAULT MANUAL ON FUNCTIONALITY OR nPP16D PA FOR DEFAULT AUTO-ON TO 50% FUNCTIONALITY
- ROOM CAN BE CONNECTED TO nLIGHT BACKBONE TO ENABLE NETWORK CONTROL INCLUDING TIME BASED CONTROLS AND INTEGRATION WITH BUILDING MANAGEMENT SYSTEMS.
- FOR EMERGENCY LIGHTING CONTROL ADD A rPP20 D ER PACK.

DIAGRAM LEGEND



BILL OF MATERIAL

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

SUPPORTS THE FOLLOWING REQUIREMENTS:



FULL OFF VIA OCCUPANCY SENSOR



LOCAL SWITCH



PLUG-LOAD CONTROL