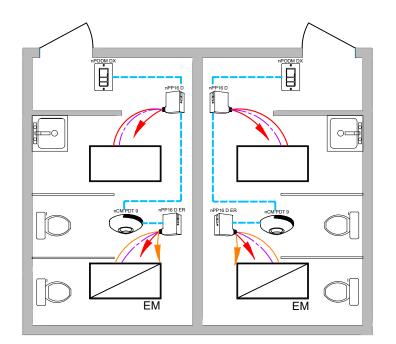
ASHRAE DESIGN GUIDE

90.1-2016

PUBLIC RESTROOM WITH 0-10V DIMMING FIXTURES





SEQUENCE OF OPERATION:

LIGHTS

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

OCCUPANCY

- LIGHTS AUTOMATICALLY TURN ON WHEN OCCUPANT ENTERS

- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT

MANUAL

- ON/OFF & RAISE/LOWER CONTROL OF LIGHTS - IF SWITCH POSES SAFETY CONCERNS, OPTIONALLY CAN BE PROGRAMMED FOR "ON ONLY"

ADDITIONAL OPTIONS:

- ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL INCLUDING TIME BASED CONTROLS AND INTEGRATION WITH BUILDING MANAGEMENT SYSTEMS.

- HVAC CONTROL AVAILABLE THROUGH SYSTEM-WIDE BACNET INTERFACE OPTION ON ECLYPSE CONTROLLER.

DIAGRAM LEGEND		
CAT-5e CABLE		
LINE VOLTAGE WIRES		
EM LINE VOLTAGE WIRES	E	
0-10VDC WIRES		
LINE FEED		
EM LINE FEED		

	BILL OF MATERIAL			
QTY	PRODUCT #	DESCRIPTION		
2	nPP16 D	RELAY PACK WITH 0-10V DIMMING OUTPUT		
2	nPP16 D ER	EMERGENCY RELAY PACK WITH 0-10V DIMMING OUTPUT		
2	nPODM DX	ON/OFF & RAISE/LOWER WALL POD		
2	nCM PDT 9	OCCUPANCY SENSOR		

SUPPORTS THE FOLLOWING REQUIREMENTS:





