ASHRAE DESIGN GUIDE 90.1- 2016

WIRELESS OPEN OFFICE WITH nLIGHT AIR ENABLED FIXTURES





LIGHTS

- ALL LIGHTS ARE DIMMABLE
- EACH ROW/FIXTURE CONTROLLED INDEPENDENTLY
- MAXIMUM LEVEL CAN BE LIMITED TO 80%
- OPTIONAL AUTOMATIC LUMEN MAINTENANCE

OCCUPANCY

- LIGHTS AUTOMATICALLY TURN ON WHEN OCCUPANT ENTERS THE SPACE (OPTIONALLY CAN BE CONFIGURED TO 50% AUTO-ON)
- LIGHTS AUTOMATICALLY TURN OFF WHEN ROOM BECOMES VACANT
- PLUG LOAD IS AUTO ON/OFF

DAYLIGHT

- SMOOTH CONTINUOUS DIMMING
- CUSTOM GROUPING OF FIXTURES INTO SEPARATE DAYLIGHT ZONES (MAX. NUMBER OF ZONES = NUMBER OF FIXTURES)
- NOT REQUIRED IN SPACES WITHOUT WINDOWS OR SIDE LIT AREAS < 150W LOAD

MANUAL

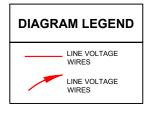
- MASTER ON/OFF & RAISE/LOWER CONTROL OF ENTIRE ROOM

ADDITIONAL OPTIONS:

- SURFACE OR RECESSED MOUNT SENSORS ALSO AVAILABLE - ROOM CAN BE CONNECTED TO NLIGHT BACKBONE TO ENABLE NETWORK CONTROL INCLUDING TIME BASED CONTROLS AND
- MANAGEMENT SYSTEMS.
 HVAC CONTROL AVAILABLE
 THROUGH SYSTEM-WIDE BACNET
 INTERFACE OPTION ON ECLYPSE
 CONTROLLER.

INTEGRATION WITH BUILDING

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BILL OF MATERIAL			
QTY	PRODUCT#	DESCRIPTION	
14	SEE NOTE	nLIGHT AIR ENABLED FIXTURES	
2	SEE NOTE	nLIGHT AIR ENABLED FIXTURES	
2	rPODB DX G2	ON/OFF & RAISE/LOWER WALL POD	
1	rPP20 24V G2	PLUG LOAD RELAY PACK	

SUPPORTS THE FOLLOWING REQUIREMENTS:









