

Sequence of Operation

When the occupancy sensor in the room senses movement, receptacles will automatically turn on. The switch on the wall will be used to turn the lights on or off regardless of the state of the occupancy sensor. A quick press up or down of the switch will turn the lights on or off. A press and hold up or down will dim the lights up or down. When the room becomes vacant, the lights and receptacles will turn off after a predetermined amount of time (default 15 minutes). When a Demand Response event is triggered the lights will dim down to a predetermined level.

To other LED drivers.. 20A @ 240/277VAC 16A @ 347VAC 240-347VAC POTENTIAL LED **Dimming Driver** 0-10V Common To other standard ▶ To others outlets to be wired as Intensity 0-10V Dimming controlled outlets. 100mA MAX, sinking curren for labeling downstream outlets) 120V LINE NEUTRAL Pechoflex FI FD1H-ALI 240-347 LED Fixture Controlle

Typical Office w/o Daylight Harvesting

Typical Material List				
Qty	Part #	Description		
1	ELED1H-AUN	LED Fixture Controller 240-347V		
1	MOS-DTUA	Occupancy/Vacancy Sensor (1000 Sq. Ft.)		
1	ERNR-AU	Split Controlled Receptacle		
1	PTM365UW	Decorator Style Switch		
1	ERDRI-AU	Demand Response Interface		

Title 24 Compliance				
Section	Requirement	Device	Part #	
130.1a/b	Local Switching Multi-Level Dimming		PTM365UW	
130.1c	Fully Automatic Light shut Off	②	MOS-DTUA	
130.5d	Plug-Load Control	*E-: 13.66	ERNR-AIU	
130.1e	Demand Response Ready	Services .	ERDRI-AU	

- 1. LIGHTING CONTROL SYSTEM TO MANUFACTURED BY ECHOFLEX SOLUTIONS INC.
- 2. ECHOFLEX LIGHTING CONTROL SYSTEM SHALL HAVE THE ABILITY TO BE FACTORY PRE-LINKED AND PRE-CONFIGURED OR PROGRAMMED ON SITE USING SIMPLE TAP, SMART CLICK OR GARIBALDI SOFTWARE
- 3. CONTROLLERS SHALL BE ABLE TO FUNCTION AS A STAND ALONE SYSTEM ALONG WITH THEIR OPTIONAL PERIPHERAL WIRELESS DEVICES INCLUDING A WALL SWITCH, SPLIT CONTROLLED RECEPTACLE, AND OCCUPANCY SENSOR.
- 4. CONTROLLERS SHALL BE ABLE TO BE NETWORKED TOGETHER TO FORM AN INTEGRATED BUILDING SOLUTION.
- 5. ECHOFLEX ELED1H: 0-10V DIMMING CONTROLLER SHALL BE ETL RECOGNIZED AND UL LISTED, CONFORMING TO UL60730, AND CERTIFIED TO CAN/CSA STANDARD F60730 AND UL924. ALL SYSTEM CONTROL ELECTRONICS SHALL STORE PROGRAMMING IN NON-VOLATILE MEMORY. THE CONTROLLER SHALL BE CAPABLE OF REPEATING SIGNALS AND TRANSMITTING STATUS.
- 6. OCCUPANCY SENSORS (OS): OCCUPANCY SENSOR SHALL BE SOLAR POWERED WIRELESS SENSOR WITH AN OPTIONAL BATTERY SENSOR SHALL BE COMPATIBLE WITH OCCUPANCY AND VACANCY MODES WHEN USED IN CONJUNCTION WITH THE DIMMING ROOM CONTROLLER. SENSOR SHALL PROVIDE LED INDICATION FOR RF RANGE CONFIRMATION. SENSOR SHALL WIRELESSLY COMMUNICATE WITH THE SPLIT CONTROLLED RECEPTACLE. SENSOR SHALL HAVE ABILITY TO FUNCTION UP TO 9 DAYS (MOS-IR) OR 7 DAYS (MOS-DT) IN COMPLETE DARKNESS.
- 7. PHOTO SENSORS (PS): PHOTO SENSOR SHALL BE SOLAR POWERED WIRELESS SENSOR WITH AN OPTIONAL BATTERY SENSOR SHALL BE COMPATIBLE WITH OPEN AND CLOSED LOOP MODES WHEN USED IN CONJUNCTION WITH THE DIMMING CONTROLLER. SENSOR SHALL PROVIDE LED INDICATION FOR RF RANGE. LIGHT SENSOR SHALL BE CAPABLE OF READING LUX LEVELS BETWEEN 0 &
- 8 RE SYSTEM SHALL NETWORK WIRELESSLY INTEGRATION WITH BMS/DEMAND RESPONSE VIA THE USE OF GATEWAYS AND WIRELESS/WIRED I/O INTERFACES. VERIFY AND INSTALL ONLY THOSE INTERFACES INDICATED ON THE PLANS.
- 9 FC SHALL INSTALL FCHOFLEX SYSTEM AS INDICATED PER MANUFACTURER'S FINAL DRAWINGS AND INSTALLATION DOCUMENTS IN ACCORDANCE TO ALL LOCAL AND NATIONAL CODES. FACTORY ONSITE START UP AND TRAINING IS OPTIONAL ECHOFLEX REQUIRES 3 WEEKS ADVANCED NOTICE TO SCHEDULE ONSITE START UP IF REQUESTED. ECHOFLEX WILL PROVIDE SYSTEM VERIFICATION AND ADJUST PROGRAMMING IF REQUIRED TO CUSTOMER REQUIREMENTS.
- 10. THIS DRAWING REPRESENTS DESIGN CONCEPT AND INTENT ONLY. WE DO NOT GUARANTEE THE INFORMATION IN THIS DOCUMENT IS SUITABLE FOR YOUR PARTICULAR APPLICATION NOR DO WE ASSUME ANY RESPONSIBILITY FOR YOUR SYSTEM INSTALLATION OR OPERATION. WE RESERVE THE RIGHT TO MAKE CHANGES TO THE PRODUCTS DESCRIBED OR INFORMATION HEREIN AT ANY TIME WITHOUT NOTICE AND WITHOUT ANY OBLIGATION
- 11. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT
- 12. TELEPHONE FACTORY SUPPORT SHALL BE AVAILABLE AT NO ADDITIONAL COST TO THE EC OR OWNER



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS IN MILLIMETERS - #9DC-966