Wiring Guide

LVPC-DIM to Visa Lighting Patient-Room Lights
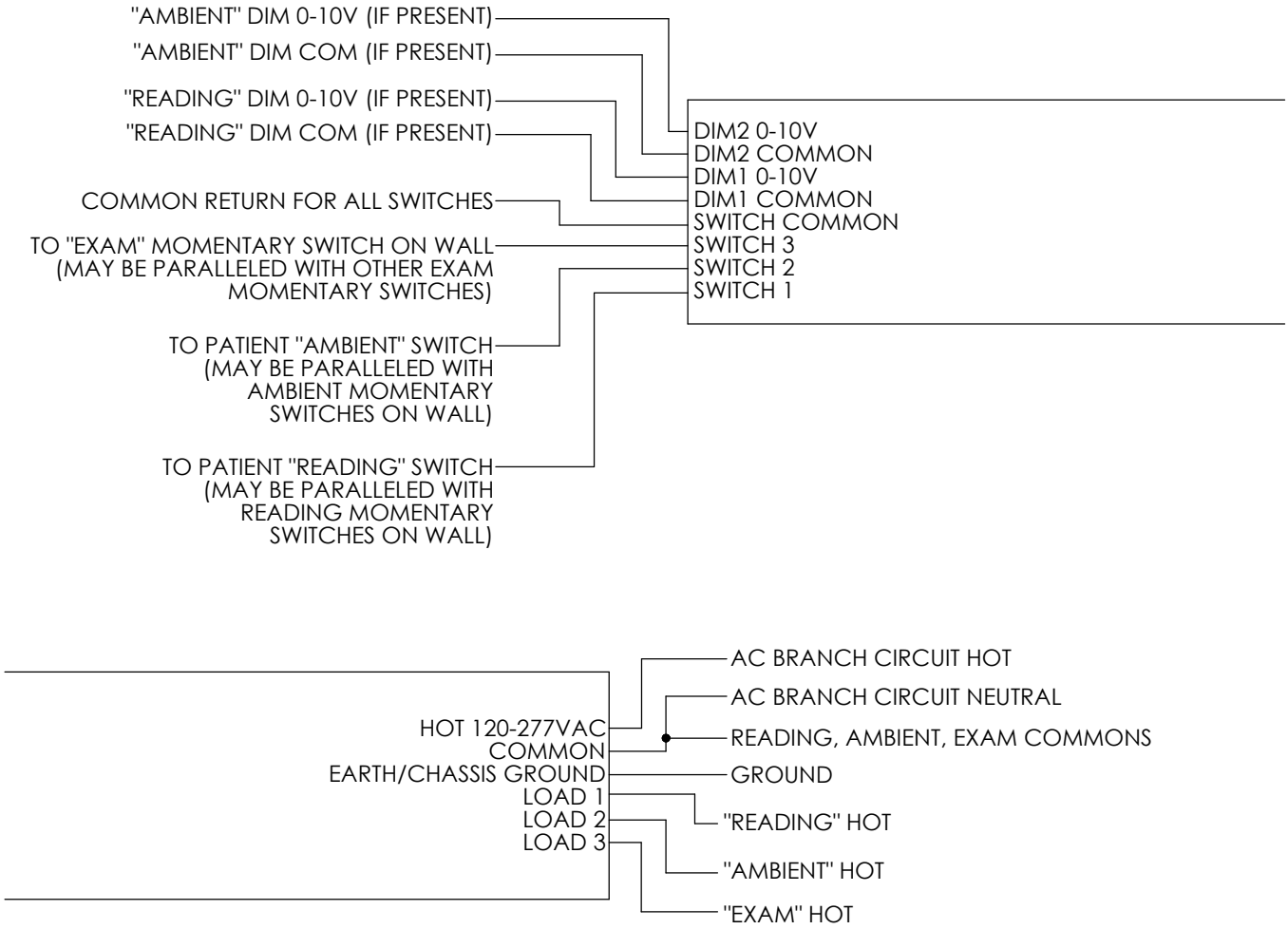Sheet 1: Overbed fixtures
Sheet 2: Headwall fixtures

OLDENBURG ELECTRONICS

SEE USER GUIDE (DOC NO. 762007XX) INCLUDED WITH CONTROLLER FOR INSTALLATION AND OPERATION INSTRUCTIONS. THIS DOES NOT REPLACE THE USER GUIDE AND INSTRUCTIONS IN BOTH DOCUMENTS MUST BE FOLLOWED.

Unity and Serenity **Ceiling-Mounted** multi-function fixtures

"AMBIENT" DIM 0-10V (IF PRESENT) —— DIM2 0-10V
"AMBIENT" DIM COM (IF PRESENT) —— DIM2 COMMON
"READING" DIM 0-10V (IF PRESENT) —— DIM1 0-10V
"READING" DIM COM (IF PRESENT) —— DIM1 COMMON
COMMON RETURN FOR ALL SWITCHES —— SWITCH COMMON
TO "EXAM" MOMENTARY SWITCH ON WALL —— SWITCH 3
(MAY BE PARALLELED WITH OTHER EXAM —— SWITCH 2
MOMENTARY SWITCHES) —— SWITCH 1
TO PATIENT "AMBIENT" SWITCH
(MAY BE PARALLELED WITH
AMBIENT MOMENTARY
SWITCHES ON WALL)
TO PATIENT "READING" SWITCH
(MAY BE PARALLELED WITH
READING MOMENTARY
SWITCHES ON WALL)

HOT 120-277VAC —— AC BRANCH CIRCUIT HOT
COMMON —— AC BRANCH CIRCUIT NEUTRAL
EARTH/CHASSIS GROUND —— READING, AMBIENT, EXAM COMMONS
LOAD 1 —— GROUND
LOAD 2 —— "READING" HOT
LOAD 3 —— "AMBIENT" HOT
—— "EXAM" HOT

Mode Switch Selection Options - Ceiling Mount Multifunction Fixtures Only

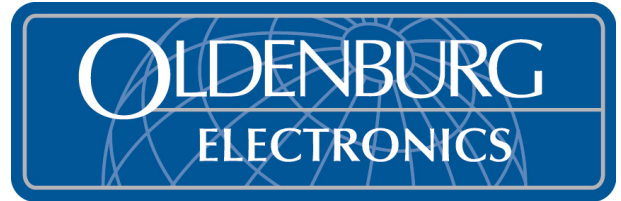| Configuration	Controller Mode	Switch 3 first press function	Switch 3 next press function
Exam HIGH	1	Turns Reading, Ambient, and Exam all on.	Exam off. Reading and Ambient return to previous on/off state
Exam MEDIUM	2	Turns loads Ambient and Exam on, turns Reading off	
Exam LOW	3	Turns Exam on, turns Reading and Ambient off.	
Exam SEPARATE	4	Turns Exam on, no change to Reading and Ambient.	Exam off.

IMPORTANT GUIDELINES
1. DO NOT CONNECT ANY FIXTURE FUNCTION TO MORE THAN ONE CONTROLLER LOAD OUTPUT.
2. DO NOT CONNECT ANY MORE THAN 3 BALLASTS OR DRIVERS TO ANY ONE CONTROLLER LOAD OUTPUT, EVEN IF THE TOTAL CURRENT WILL BE LESS THAN THE MAXIMUM RATED CURRENT.
3. DO NOT CONNECT <u>DIMMING</u> TERMINALS OF CONTROLLER TO BALLASTS OR DRIVERS THAT DO NOT HAVE 0-10V DIMMING INPUTS.
4. **Non-dimmable ballasts or drivers may be used with the controller, but the dimming function of the controller will have no effect. On/Off control will still be enabled for momentary switch presses.**
5. Standard (maintained) AC wall switches should be used to control any fixture functions other than those shown above.

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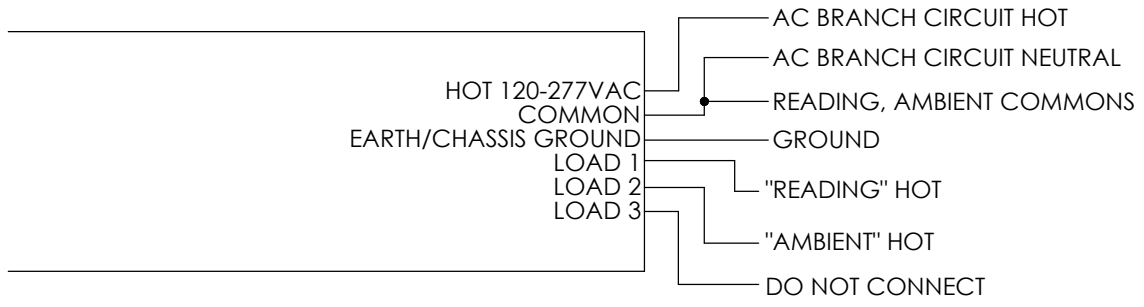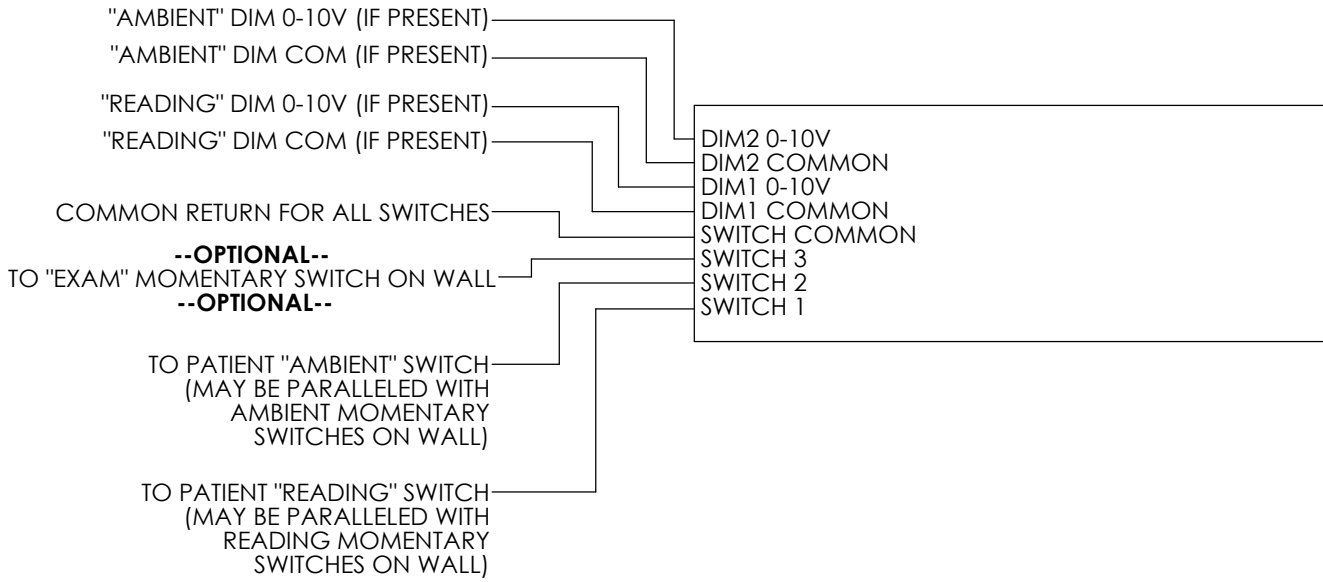LVPC-DIM to Visa Lighting Patient-Room Lights
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Unity and Serenity **Headwall-Mounted** dual-function fixtures

"AMBIENT" DIM 0-10V (IF PRESENT) — DIM2 0-10V
"AMBIENT" DIM COM (IF PRESENT) — DIM2 COMMON
"READING" DIM 0-10V (IF PRESENT) — DIM1 0-10V
"READING" DIM COM (IF PRESENT) — DIM1 COMMON
COMMON RETURN FOR ALL SWITCHES — SWITCH COMMON
--OPTIONAL-- — SWITCH 3
TO "EXAM" MOMENTARY SWITCH ON WALL — SWITCH 2
--OPTIONAL-- — SWITCH 1

TO PATIENT "AMBIENT" SWITCH
(MAY BE PARALLELED WITH
AMBIENT MOMENTARY
SWITCHES ON WALL)

TO PATIENT "READING" SWITCH
(MAY BE PARALLELED WITH
READING MOMENTARY
SWITCHES ON WALL)

HOT 120-277VAC — AC BRANCH CIRCUIT HOT
— AC BRANCH CIRCUIT NEUTRAL
COMMON — READING, AMBIENT COMMONS
EARTH/CHASSIS GROUND — GROUND
LOAD 1
LOAD 2 — "READING" HOT
LOAD 3 — "AMBIENT" HOT
— DO NOT CONNECT

Mode Switch Selection - Headwall Dual-Function Fixtures Only		
Is an EXAM switch being used?	Mode setting	Action when EXAM switch is pressed
Yes	Set switches to Mode 1	Reading and Ambient will turn on and go to full output. They will return to their previous on/off state when EXAM switch is pressed again.
No	Set switches to any mode	Not applicable - no exam switch used.

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2. DO NOT CONNECT ANY MORE THAN 3 BALLASTS OR DRIVERS TO ANY ONE CONTROLLER LOAD OUTPUT, EVEN IF THE TOTAL CURRENT WILL BE LESS THAN THE MAXIMUM RATED CURRENT.
3. DO NOT CONNECT <u>DIMMING</u> TERMINALS OF CONTROLLER TO BALLASTS OR DRIVERS THAT DO NOT HAVE 0-10V DIMMING INPUTS.
4. **Non-dimmable ballasts or drivers may be used with the controller, but the dimming function of the controller will have no effect. On/Off control will still be enabled for momentary switch presses.**
5. Standard (maintained) AC wall switches should be used to control any fixture functions other than those shown above.