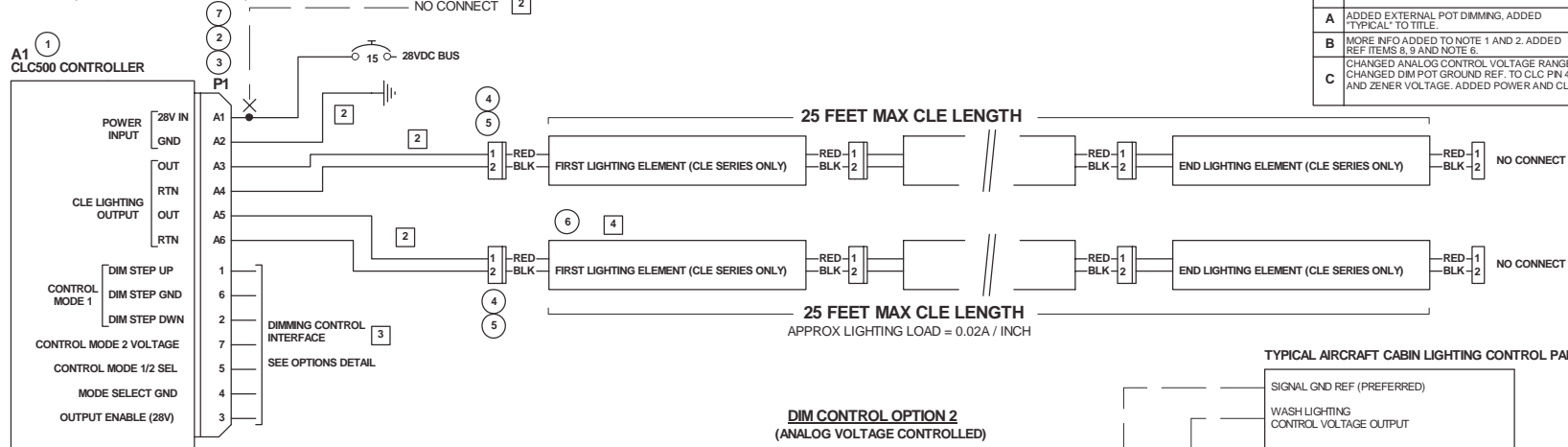
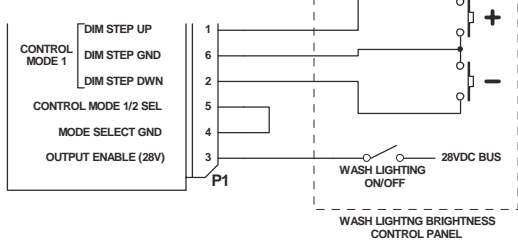


TYPICAL WIRING DIAGRAM, CABIN WASH LIGHTING, CLE SERIES

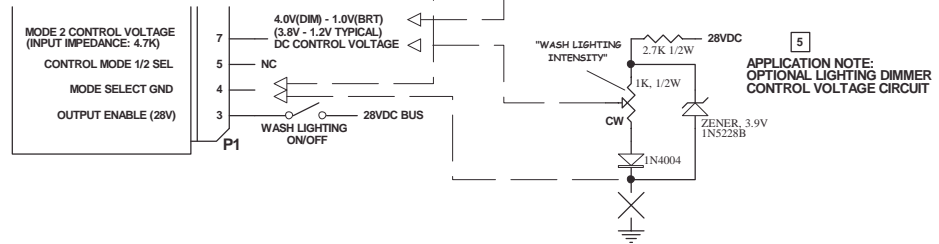
REV	REVISION DESCRIPTION	DATE	APP
A	ADDED EXTERNAL POT DIMMING, ADDED "TYPICAL" TO TITLE.	01/08/03	JDH
B	MORE INFO ADDED TO NOTE 1 AND 2. ADDED REF ITEMS 8, 9 AND NOTE 6.	03/03/03	JDH
C	CHANGED ANALOG CONTROL VOLTAGE RANGE CHANGED DIM POT GROUND REF. TO CLC PIN 4 AND ZENER VOLTAGE. ADDED POWER AND CLE	03/17/06	JDH



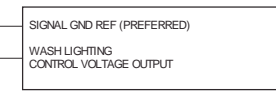
DIM CONTROL OPTION 1 (DISCRETE STEPPING)



DIM CONTROL OPTION 2 (ANALOG VOLTAGE CONTROLLED)



TYPICAL AIRCRAFT CABIN LIGHTING CONTROL PANEL



NOTES:

- ALL WIRE TO BE MIL-22759/16 OR EQUIV. AND INSTALLED PER FAA AC43.13-1B, CHAP. 4, 6, 7, 10, 11, 12 AND AC43.13-2A CHAP. 1, 2, 3, 11 AS REQUIRED.
- CLE PERFORMANCE IS SENSITIVE TO VOLTAGE DROP. ALL POWER AND CLE WIRING TO BE SIZED FOR 0.5V MAX LOSS PER CIRCUIT (PWR AND RTN). EACH CLC SHALL HAVE DEDICATED POWER LEADS TO BREAKER AND GROUND AS REQUIRED.
- DIMMING MODE CAN BE CONFIGURED FOR OPTION 1 OR 2. SEE DIMMING DETAIL.
- CLE SERIES LIGHTING ELEMENTS ONLY. SEE PARTS LIST.
- FOR APPLICATIONS WITHOUT CABIN LIGHTING MANAGEMENT SYSTEM, CONTROL VOLTAGE MAY BE ACCOMPLISHED AS SHOWN.
- SHOWN AS REFERENCE ONLY. MATES TO ITEMS 4 AND 5. TO BE USED FOR LIGHT ELEMENT EXTENSION WIRING IF REQUIRED.
- INSTALLATION KIT, P/N CLECLC-7 IS AVAILABLE THAT INCLUDES INTERFACE CONNECTORS AND CLE MOUNTING CLIPS.

AR	QTY	ITEM	PART NUMBER	DESCRIPTION	NOTE
AR	9	CON308		CONTACT, CRIMP, PIN	6
AR	8	CON307		CONNECTOR, PIN, 2 WIRE	6
	1	7	CON161	SCREW LOCK, KIT, P1	
AR	6	CLEXXX-XX		LIGHTING ELEMENT, CLE SERIES	
	4	5	CON315	CONTACT, CRIMP, SOCKET	
	2	4	CON314	CONNECTOR, SOCKET, 2 WIRE	
	6	3	CON248	CONTACT, POWER, SOCKET	
	1	2	CON323	CONNECTOR, COMBO-D, 13W6, W/ B-SHELL	
	1	1	CLC500-01	CONTROLLER, CABIN WASH LIGHTING	

PARTS LIST (REF ONLY)

DRAWN: John Header	DATE: 03/03/03	HEADS UP TECHNOLOGIES 2033 Chennault Dr, Suite 100 Carrollton, Texas 75006-5097
CHECKED: John Header	DATE: 03/04/03	
ENGINEER: John Header	DATE: 03/03/03	TYPICAL WIRE DIAGRAM, CABIN CLE SERIES WASH LIGHTING
APPROVED:	DATE:	SIZE: B DRAWING NUMBER: CLC500-150
RELEASED:	DATE:	SHEET: 1 OF 1 FILE: module\install\cabin lighting\CLC500-150_C.scd