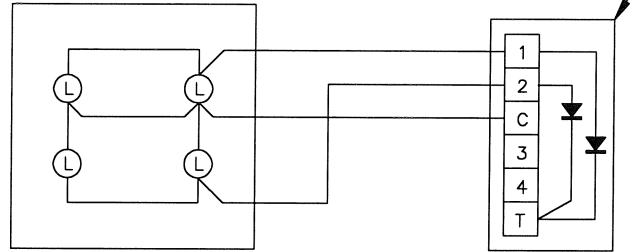
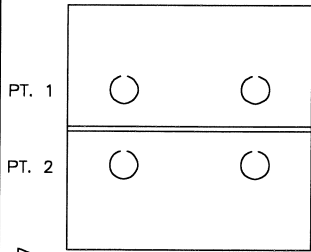


ASSEMBLY 90850-LBX2-01

JUMPER CARD 90350-78LB-05

LAMP USAGE CHART

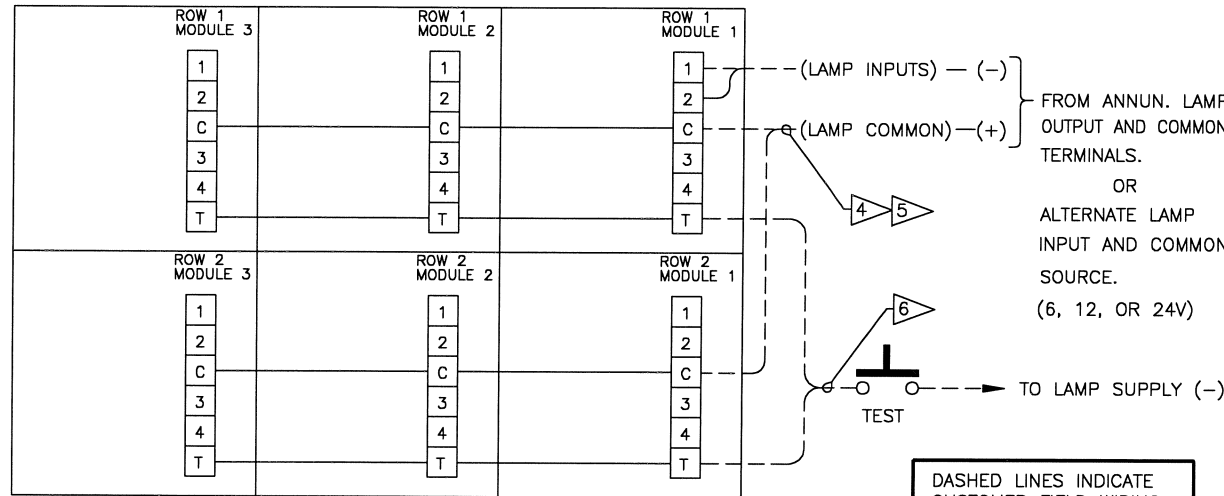


NOMINAL VOLTAGE	PANALARM P/N	LAMP TYPE	LAMP VOLTAGE RATING	TOTAL CURRENT PER LIGHT BOX	LAMP CURRENT AT RATED VOLTAGE
6	430028	86	6.3V	0.8A	0.2A @ 6.3V
12	430029	73	14V	0.32A	0.08A @ 14V
24	430039	85	28V	0.16A	0.04A @ 28V
24	650445-01	RED LED	28V	0.08A	0.02A @ 28V
24	650445-02	GREEN LED	28V	0.08A	0.02A @ 28V
24	650445-03	YELLOW LED	28V	0.08A	0.02A @ 28V

FRONT VIEW OF LIGHTBOX SHOWING LAMP PLACEMENT

REAR VIEW OF LIGHTBOX SHOWING LAMP CONNECTIONS

DIODE = P/N 650030 1AMP 400PIV IN4004



NOTES:

- LAMPS ARE SUBMINIATURE, T-1-3/4, WEDGE BASE INCANDESCENT OR LED AS INDICATED.
- FOR INCANDESCENT LAMPS, TEST P.B. MUST HAVE A TUNGSTEN RATING EQUAL TO THE TOTAL CURRENT PER LIGHTBOX TIMES THE NUMBER OF LIGHTBOXES.
- SIGNAL CONTACT MUST HAVE A TUNGSTEN RATING EQUAL TO DOUBLE THE INDIVIDUAL LAMP CURRENT.
- +24 ON SERIES 90, LC ON SERIES 70.
- FOR 12 AND 24V CABINETS, LAMP COMMON IS BUSSED ACROSS ENTIRE ROW. FOR 6V CABINETS, ROWS WITH 40 LAMPS OR LESS WILL BE BUSSED ACROSS THAT ENTIRE ROW. ANY ROW WITH MORE THAN 40 LAMPS WILL REQUIRE TWO LAMP COMMON WIRES, ONE EACH TO MODULES #1 AND #6 OF THAT ROW.
- 'TEST' FUNCTION BUSSING IS THE SAME AS NOTE 5 ABOVE.
- LED LAMP ASSEMBLIES SHOULD BE INSTALLED WITH LEDS FACING INWARD IN LIGHTBOX FOR BEST APPEARANCE.

DASHED LINES INDICATE CUSTOMER FIELD WIRING

Warning: Used on FM approved equipment, drawing must be submitted to FM whenever its revision level changes. NO substitutions without engineering approval. Reference FM JI # QJ9A0.AX

TYPICAL REAR VIEW
2 HIGH BY 3 WIDE MODULE ARRANGEMENT SHOWN

REV	ECN NO.	BY	APPD	DATE	MATERIAL:
00	10546-01	SM	JT	08/07/91	FINISH:
01	10855	SM	CNL	06/23/92	USED ON/REF. DWG
02	11947	SK	.	/ /	9*LBX*
					90800-LBX2-1
					90800-CL-1

TOL. UNLESS SPECIFIED
 INCHES
 .X = .015
 .XX = .010
 .XXX = .005
 MILLIMETERS
 X.0 = 1.0
 0.X = 0.4
 0.XX = 0.1
 ANGLES ±0°30'
 SCALE INCH (MM)
 NTS



AMETEK
 PROCESS AND ANALYTICAL INSTRUMENTS DIVISION
 PANALARM BUSINESS UNIT • SKOKIE, IL, U.S.A.

DWN. BY S.M.
 APPD/DATE JT 08/07/91
 THIRD ANGLE PROJECTION

WIRING DIAGRAM, SERIES 90 LAMP CABINET,
 USING 92LBX01*T OR 92LL01*T LIGHTBOXES WITH LAMP TEST,
 DUAL POINTS PER MODULE, TWO LAMPS PER POINT

