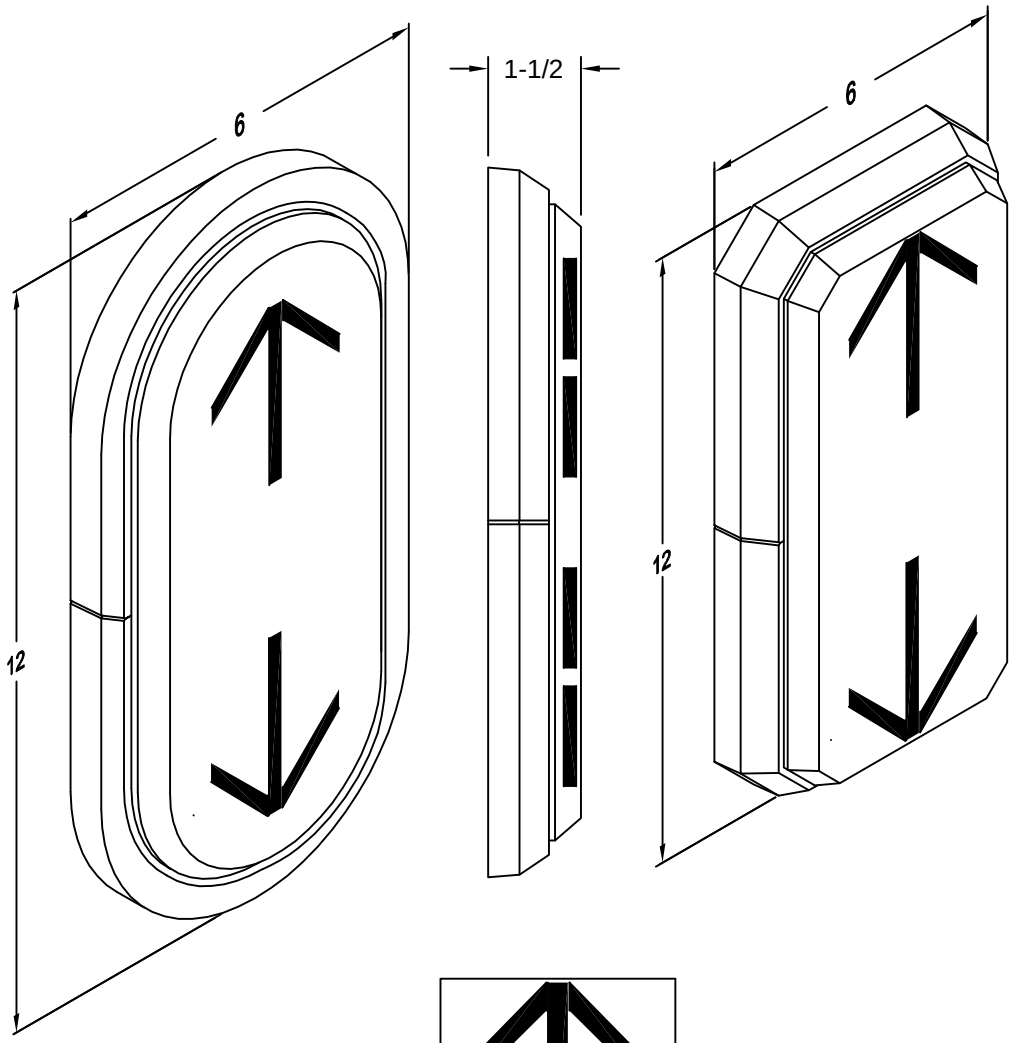
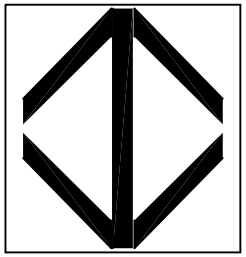
C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ceelectronics.com

# GTDV-XXXX

Ver. 6 Rel. 7/21/2015

CLASSIC SERIES



3 INCH ARROW

## REMOTE DISPLAY INDICATOR "RDI"

Long life, solid state bi-color, white, green or blue arrow for lanterns, 100,000 hour rated life. Accepts existing signals over the discrete inputs. The bi-color arrows are green in the up direction and red in the down with matching side bars for 180° viewing. The unit is also equipped with an arrival gong.

### Typical Applications

- Hall and car lanterns

### Features

- Bi-color red & green 3 inch arrow with bi-color side bars or solid blue or solid white or solid green 3 inch arrow with solid color side bar
- Red down/green up or solid blue, sollid white, solid green side bar
- 180° viewing angle lantern
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes gong

TO ORDER - SPECIFY GTDV-X X X X

SIGNAL VOLTAGE:
"B" = 24V
"C" = 115V
"F" = 48VDC; DOUBLE STROKE ONLY

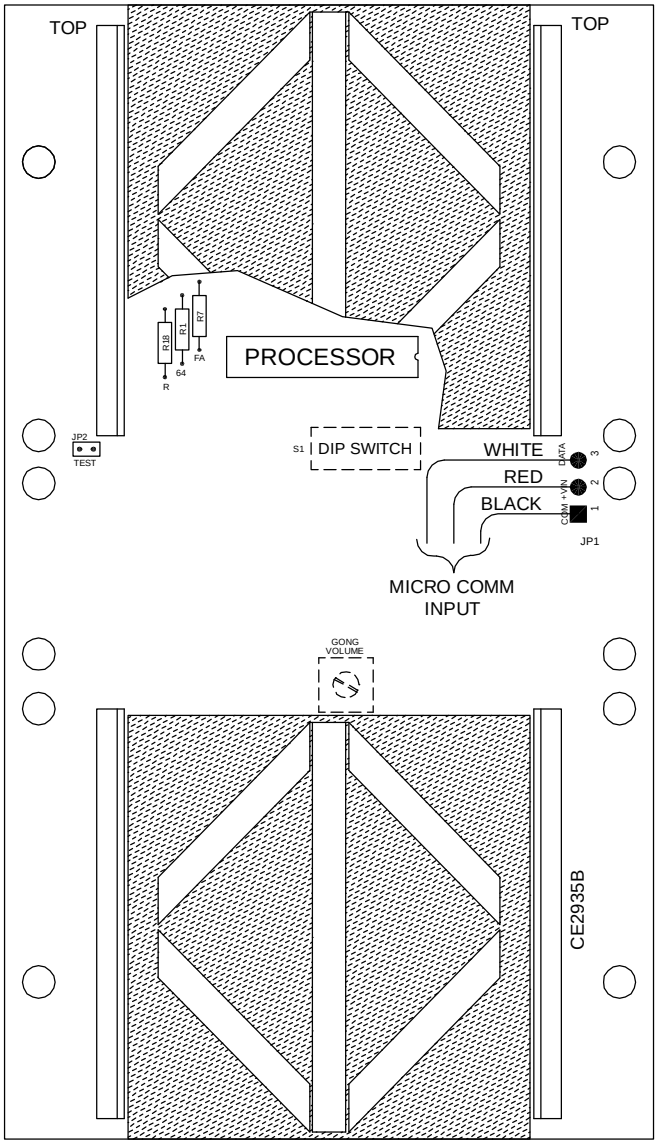
GONG CHOICE:
"S" = SINGLE STROKE
"D" = DOUBLE STROKE

METAL CHOICE:
"A" = STAINLESS STEEL SATIN OVAL
"B" = STAINLESS STEEL CHROME OVAL
"C" = STAINLESS STEEL SATIN RECTANGLE CHAMFERED
"D" = STAINLESS STEEL CHROME RECTANGLE CHAMFERED
"X" = NO METAL
(For additional finishes, contact factory)

<BLANK> = BI-COLOR ARROW
"B" = BLUE ARROW
"G" = GREEN ARROW
"W" = WHITE ARROW

# GTDV-M

JOB# _____




NOTE: DIP switch and gong volume control are located on the back of the board.

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

DIP switch 1 (MB) has no function in this unit.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To blank the display during a fire alternate (level two) message, remove resistor R7 (FA) from the board.

DIP switches 3-8 off and resistor R1 (64) installed is an all call using travel signals. DIP switches 3-8 on and resistor R1 (64) removed is an all call using arrival signals.

Floor 1 and above use arrival signals. Use the chart above to set the DIP switch to the desired floor for arrival mode. The Micro Comm driver must be set up to send arrival information.

To use this unit as an arrival lantern above floor 63, remove resistor R1 (64) from the board and set the DIP switches as shown on the chart, adding 64 to the floor number shown. For example, to set the unit for floor 75, remove resistor R1 and set the DIP switches for floor 11 (64+11=75).

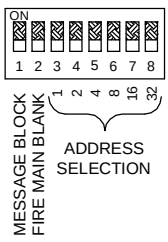
To operate this unit as a rear lantern, remove resistor R18 (R) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

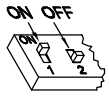
To SELF-TEST this unit, short the two pins on JP2 and release. Short the two pins again to turn off SELF-TEST.

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

## DIP SWITCH DETAIL

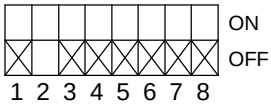
(AS SEEN FROM BACK OF BOARD)




DIP SWITCH
LEGEND

## DEFAULT SETTINGS




## FLOOR ADDRESS CHART

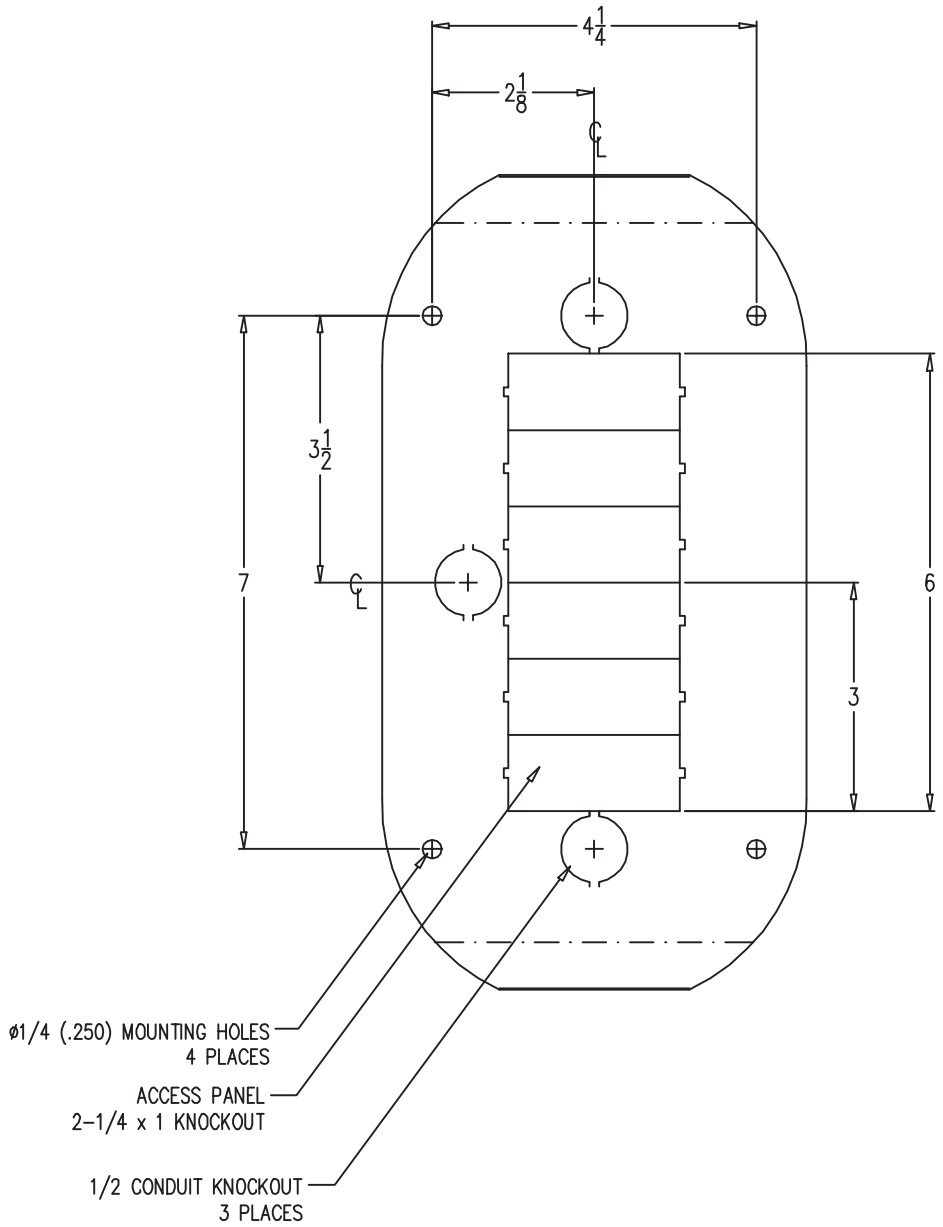
TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

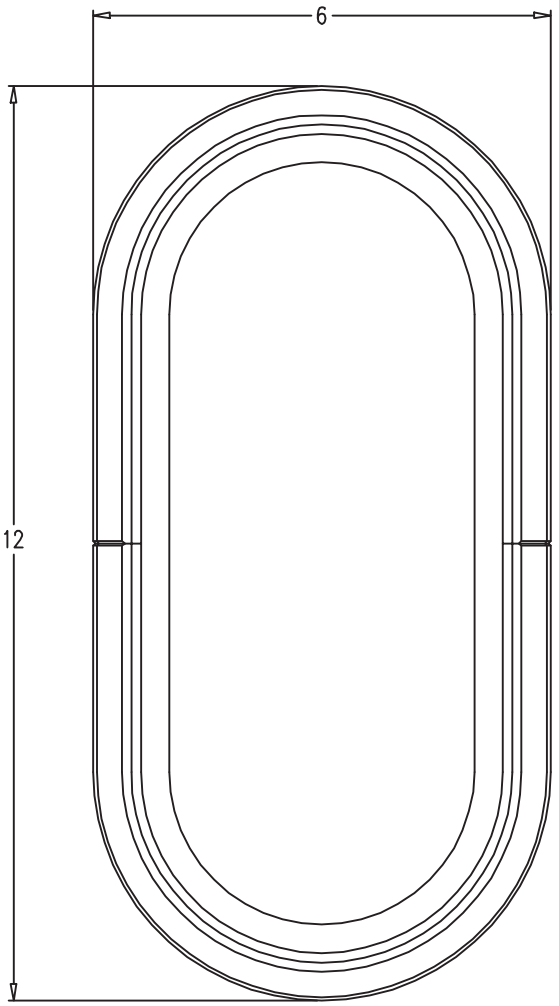
| DIP SWITCH # | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 7 | 6 | 5 | 4 | 3 | FLOOR | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | ALL CALL | 1 | 0 | 0 | 0 | 0 | 0 | FLOOR #32 |
| 0 | 0 | 0 | 0 | 0 | 1 | FLOOR #1 | 1 | 0 | 0 | 0 | 0 | 1 | FLOOR #33 |
| 0 | 0 | 0 | 0 | 1 | 0 | FLOOR #2 | 1 | 0 | 0 | 0 | 1 | 0 | FLOOR #34 |
| 0 | 0 | 0 | 0 | 1 | 1 | FLOOR #3 | 1 | 0 | 0 | 0 | 1 | 1 | FLOOR #35 |
| 0 | 0 | 0 | 1 | 0 | 0 | FLOOR #4 | 1 | 0 | 0 | 1 | 0 | 0 | FLOOR #36 |
| 0 | 0 | 0 | 1 | 0 | 1 | FLOOR #5 | 1 | 0 | 0 | 1 | 0 | 1 | FLOOR #37 |
| 0 | 0 | 0 | 1 | 1 | 0 | FLOOR #6 | 1 | 0 | 0 | 1 | 1 | 0 | FLOOR #38 |
| 0 | 0 | 0 | 1 | 1 | 1 | FLOOR #7 | 1 | 0 | 0 | 1 | 1 | 1 | FLOOR #39 |
| 0 | 0 | 1 | 0 | 0 | 0 | FLOOR #8 | 1 | 0 | 1 | 0 | 0 | 0 | FLOOR #40 |
| 0 | 0 | 1 | 0 | 0 | 1 | FLOOR #9 | 1 | 0 | 1 | 0 | 0 | 1 | FLOOR #41 |
| 0 | 0 | 1 | 0 | 1 | 0 | FLOOR #10 | 1 | 0 | 1 | 0 | 1 | 0 | FLOOR #42 |
| 0 | 0 | 1 | 0 | 1 | 1 | FLOOR #11 | 1 | 0 | 1 | 0 | 1 | 1 | FLOOR #43 |
| 0 | 0 | 1 | 1 | 0 | 0 | FLOOR #12 | 1 | 0 | 1 | 1 | 0 | 0 | FLOOR #44 |
| 0 | 0 | 1 | 1 | 0 | 1 | FLOOR #13 | 1 | 0 | 1 | 1 | 0 | 1 | FLOOR #45 |
| 0 | 0 | 1 | 1 | 1 | 0 | FLOOR #14 | 1 | 0 | 1 | 1 | 1 | 0 | FLOOR #46 |
| 0 | 0 | 1 | 1 | 1 | 1 | FLOOR #15 | 1 | 0 | 1 | 1 | 1 | 1 | FLOOR #47 |
| 0 | 1 | 0 | 0 | 0 | 0 | FLOOR #16 | 1 | 1 | 0 | 0 | 0 | 0 | FLOOR #48 |
| 0 | 1 | 0 | 0 | 0 | 1 | FLOOR #17 | 1 | 1 | 0 | 0 | 0 | 1 | FLOOR #49 |
| 0 | 1 | 0 | 0 | 1 | 0 | FLOOR #18 | 1 | 1 | 0 | 0 | 1 | 0 | FLOOR #50 |
| 0 | 1 | 0 | 0 | 1 | 1 | FLOOR #19 | 1 | 1 | 0 | 0 | 1 | 1 | FLOOR #51 |
| 0 | 1 | 0 | 1 | 0 | 0 | FLOOR #20 | 1 | 1 | 0 | 1 | 0 | 0 | FLOOR #52 |
| 0 | 1 | 0 | 1 | 0 | 1 | FLOOR #21 | 1 | 1 | 0 | 1 | 0 | 1 | FLOOR #53 |
| 0 | 1 | 0 | 1 | 1 | 0 | FLOOR #22 | 1 | 1 | 0 | 1 | 1 | 0 | FLOOR #54 |
| 0 | 1 | 0 | 1 | 1 | 1 | FLOOR #23 | 1 | 1 | 0 | 1 | 1 | 1 | FLOOR #55 |
| 0 | 1 | 1 | 0 | 0 | 0 | FLOOR #24 | 1 | 1 | 1 | 0 | 0 | 0 | FLOOR #56 |
| 0 | 1 | 1 | 0 | 0 | 1 | FLOOR #25 | 1 | 1 | 1 | 0 | 0 | 1 | FLOOR #57 |
| 0 | 1 | 1 | 0 | 1 | 0 | FLOOR #26 | 1 | 1 | 1 | 0 | 1 | 0 | FLOOR #58 |
| 0 | 1 | 1 | 0 | 1 | 1 | FLOOR #27 | 1 | 1 | 1 | 0 | 1 | 1 | FLOOR #59 |
| 0 | 1 | 1 | 1 | 0 | 0 | FLOOR #28 | 1 | 1 | 1 | 1 | 0 | 0 | FLOOR #60 |
| 0 | 1 | 1 | 1 | 0 | 1 | FLOOR #29 | 1 | 1 | 1 | 1 | 0 | 1 | FLOOR #61 |
| 0 | 1 | 1 | 1 | 1 | 0 | FLOOR #30 | 1 | 1 | 1 | 1 | 1 | 0 | FLOOR #62 |
| 0 | 1 | 1 | 1 | 1 | 1 | FLOOR #31 | 1 | 1 | 1 | 1 | 1 | 1 | FLOOR #63 |

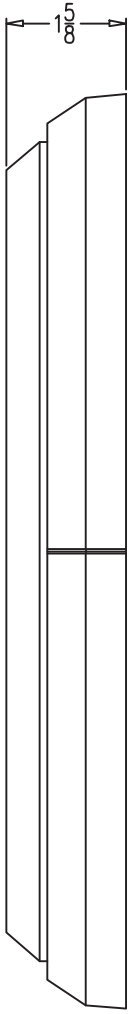
CODE VERSION _____

BOARD VERSION CE2935 ___

| | | | |
|---|---|---|---|
| DATE DRAWN: 06/12/03 | DRAWN BY: K.L.S. | REQUESTED BY: D.C. | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705 |
| BOARD NUMBER: 2935 | LAST DATE REVISED: 08/25/05 | APPROVED BY: | |
| PRODUCT: GTDV-M | | | DWG. NO. GTDV-M-01 REV: B |

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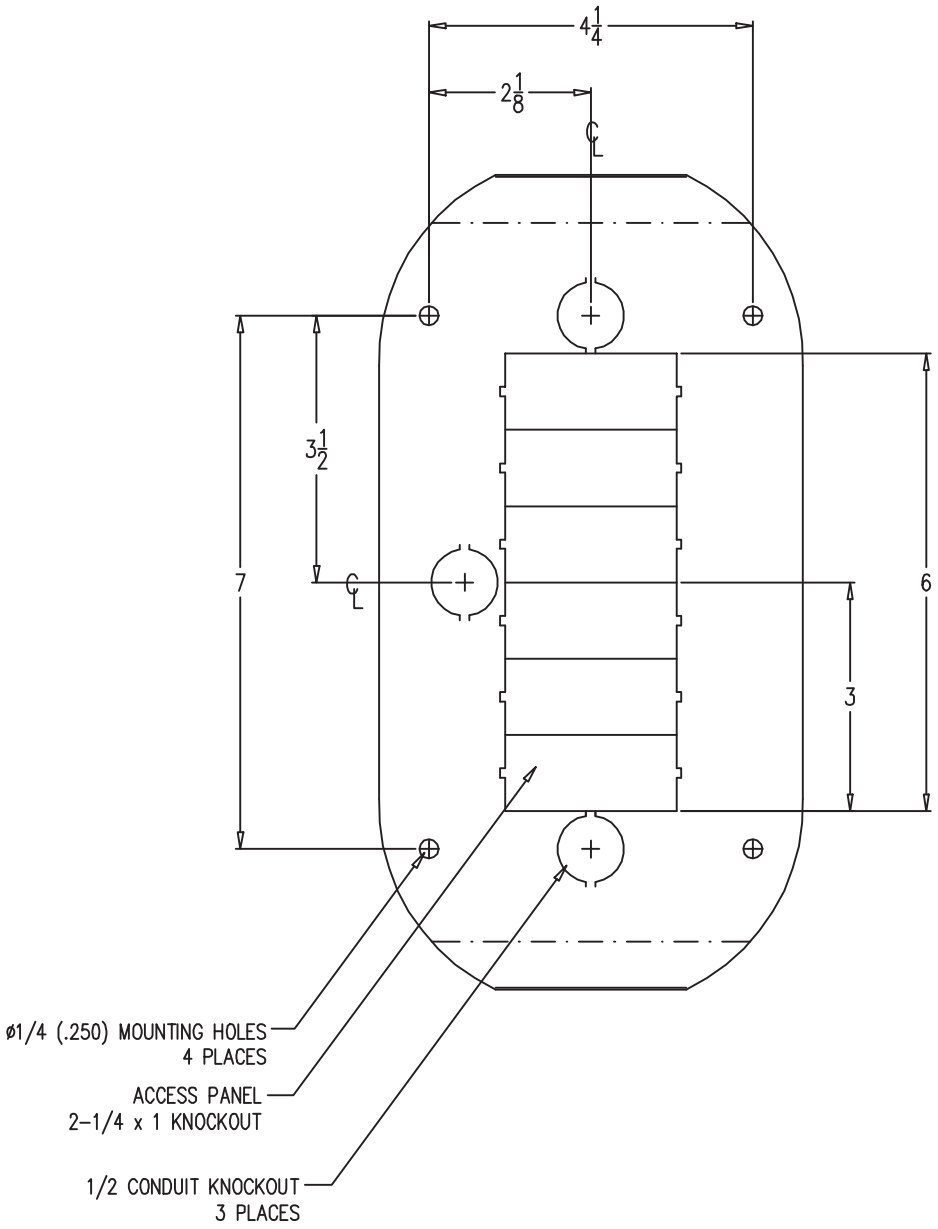
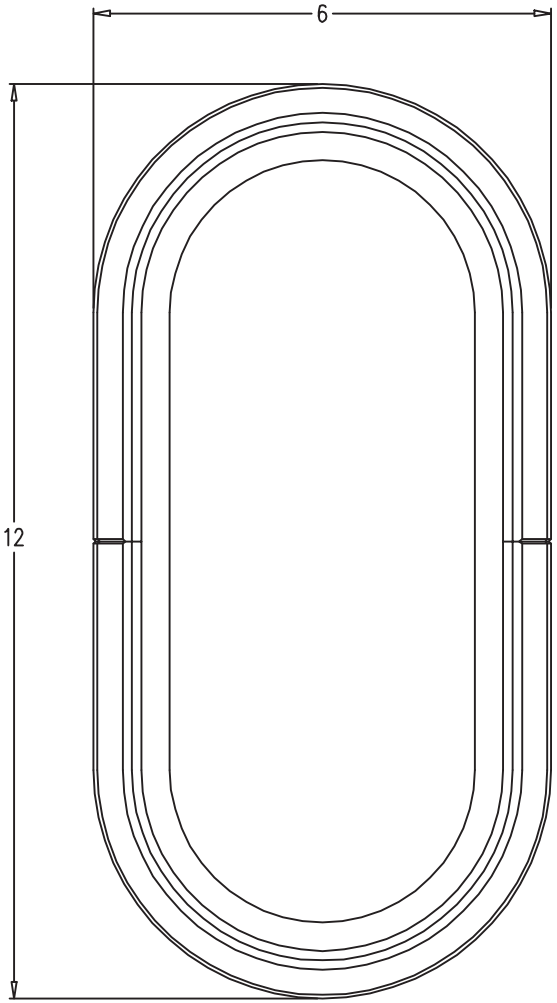
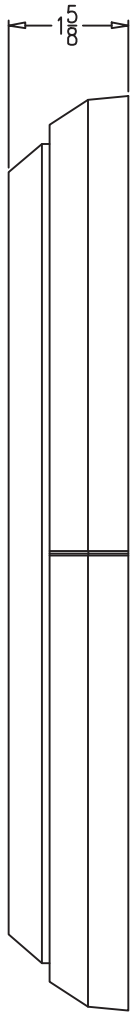
|---|---|---|---|
| LENS NUMBER: . | | BOARD # & REV: . | |
| APPROVED BY: | | | |
| Signature: | | | |
| Date: | | | |
| Company: | | | |
| DATE DRAWN: 6/25/2015 | LAST DATE REVISED: . | SCALE: NTS | PART #: . |
| DRAWN BY: DWS | TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010 | | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705 |
| REQUESTED BY: . | TOLERANCE FOR CUTOUT (WINDOW): . | | |
| TITLE: CE SATIN FINISH OVAL FIXTURE | | DWG. NO. RK-000073 | REV: . |

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| APPROVED BY: | | | |
| Signature: | | | |
| Date: | | | |
| Company: | | | |
| DATE DRAWN: 6/25/2015 | LAST DATE REVISED: . | SCALE: NTS | PART #: . |
| DRAWN BY: DWS | TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010 | | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705 |
| REQUESTED BY: . | TOLERANCE FOR CUTOUT (WINDOW): . | | |
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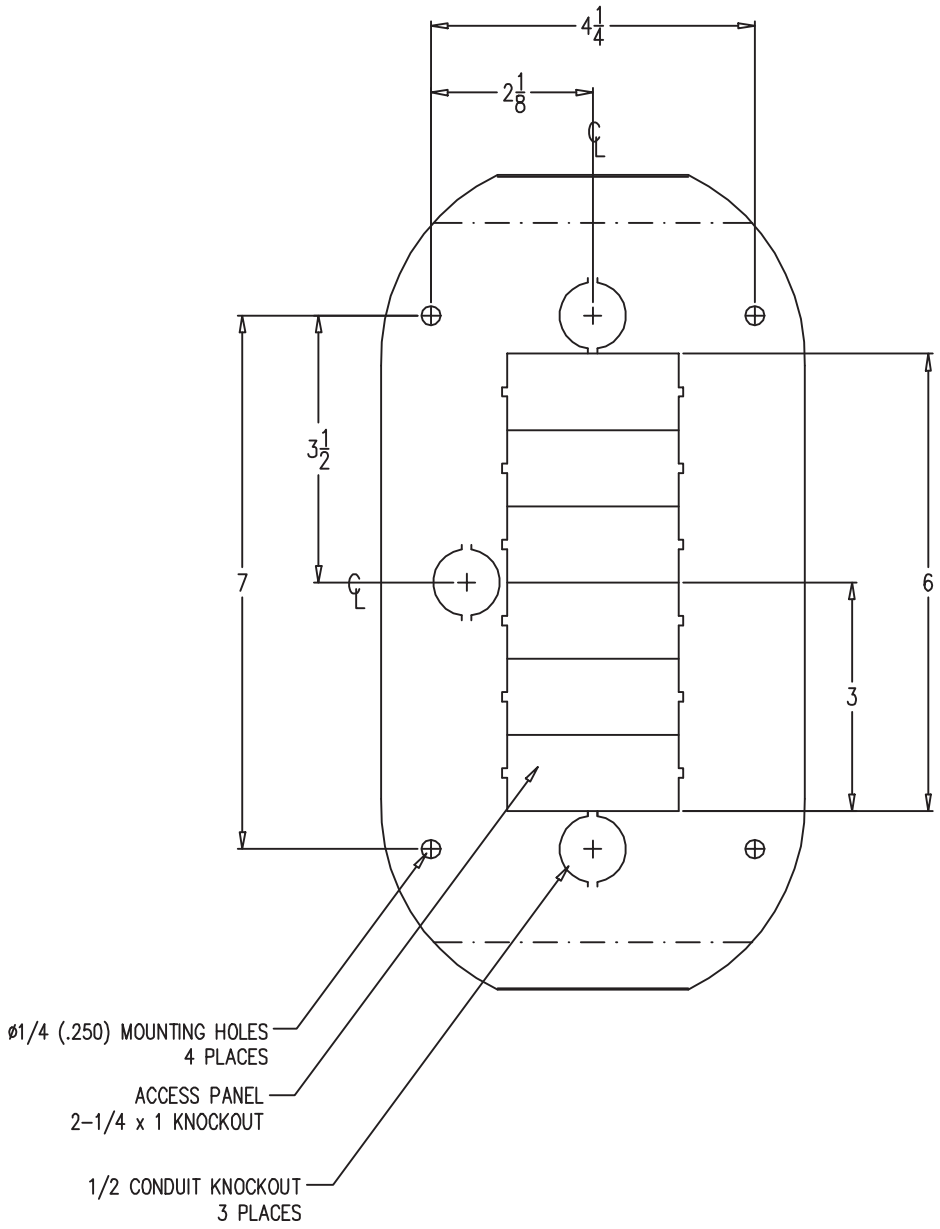


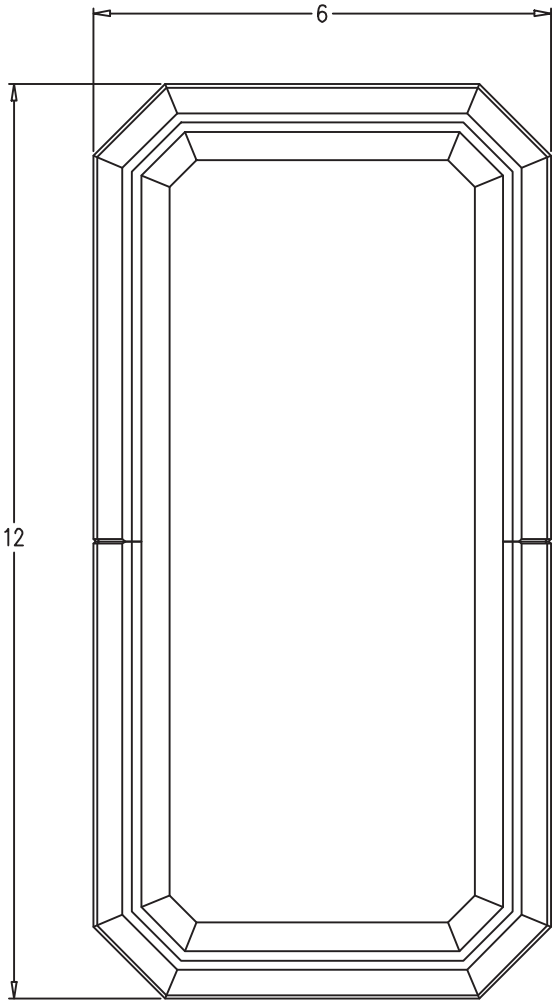


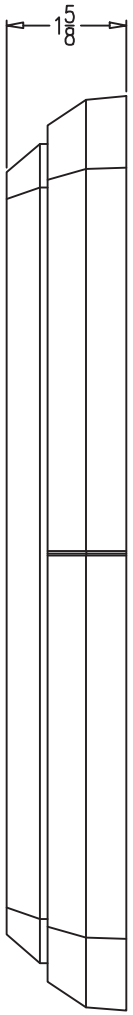


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| APPROVED BY: | | | |
| Signature: | | | |
| Date: | | | |
| Company: | | | |
| DATE DRAWN: 6/25/2015 | LAST DATE REVISED: . | SCALE: NTS | PART #: . |
| DRAWN BY: DWS | TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010 | | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705 |
| REQUESTED BY: . | TOLERANCE FOR CUTOUT (WINDOW): . | | |
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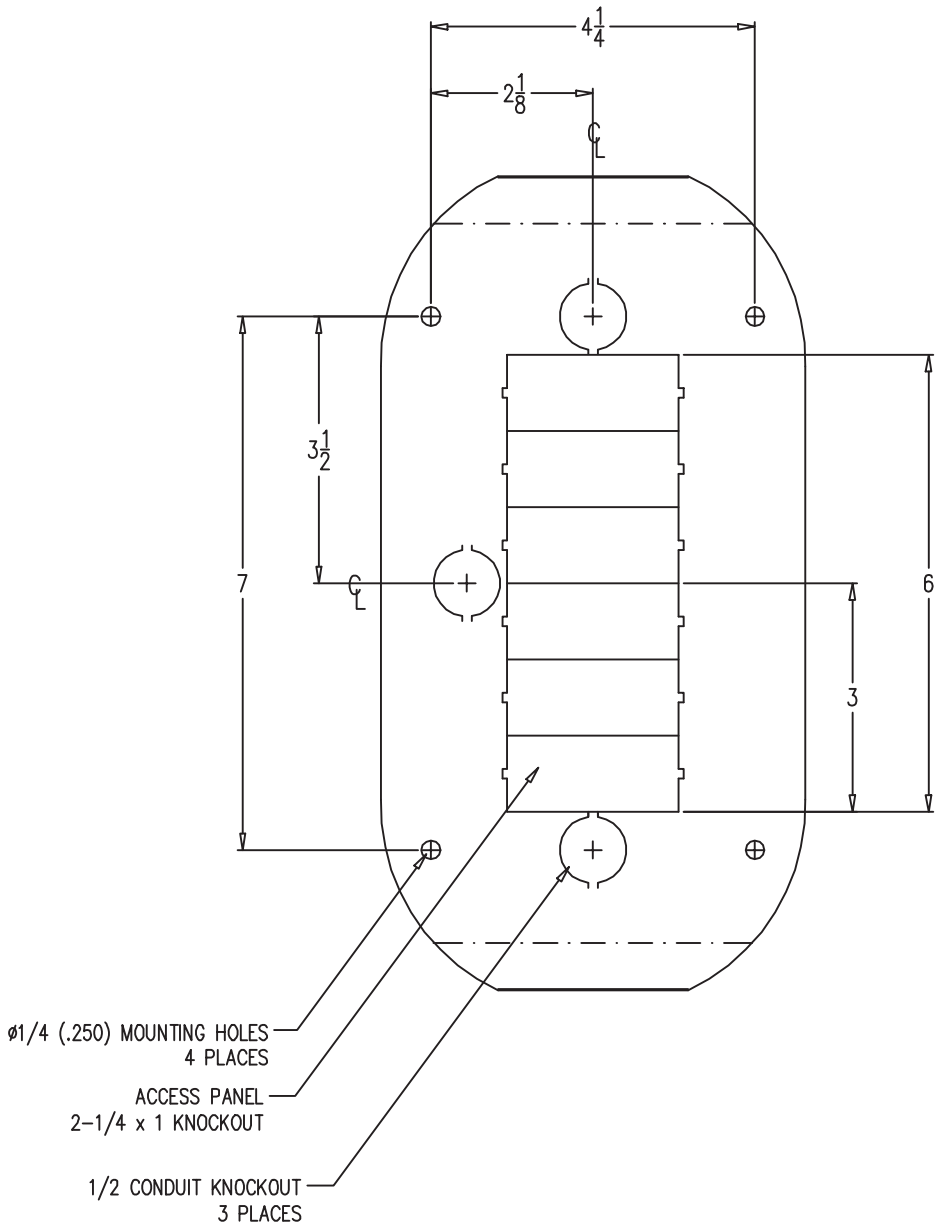


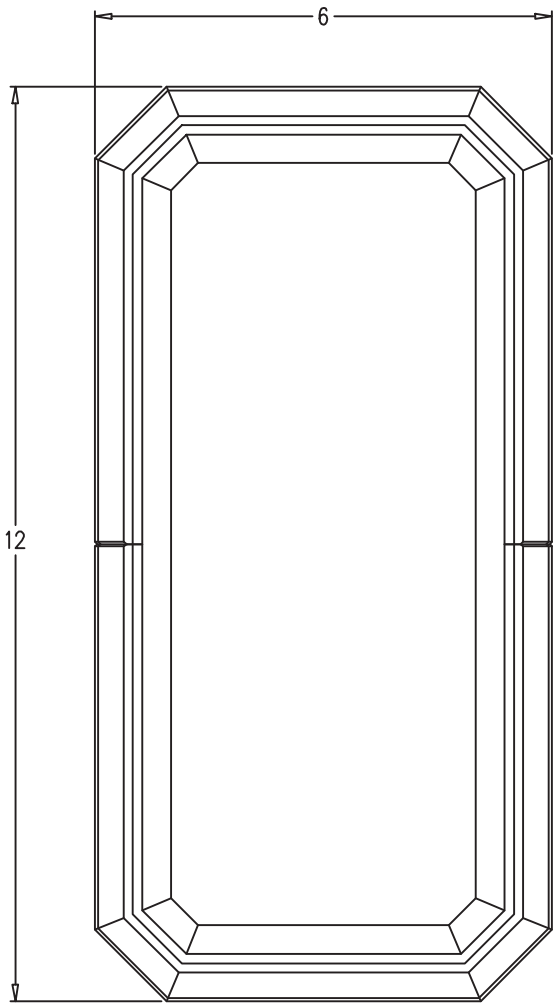


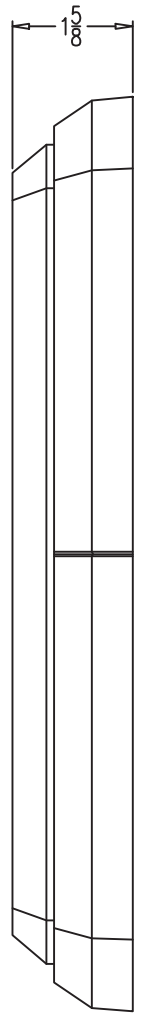


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| Signature: | | | |
| Date: | | | |
| Company: | | | |
| DATE DRAWN: 6/25/2015 | LAST DATE REVISED: . | SCALE: NTS | PART #: . |
| DRAWN BY: DWS | TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010 | | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705 |
| REQUESTED BY: . | TOLERANCE FOR CUTOUT (WINDOW): . | | |
| TITLE: CE CHROME FINISH CHAMFERED FIXTURE | | | DWG. NO. RK-000076 REV: . |