


LAMP CABINETS AND INDICATORS





Ronan's extensive line of Lamp Cabinets and Indicators is designed for indicating visual status from remote annunciator logic, Programmable Logic Controllers (PLCs) or from ON/OFF relay or solid state drivers.

We offer a large variety of window sizes and customized array assemblies so you can select the optimal window size based on your available panel space. And our unique window bezels ensure you of the proper window location when re-lamping is required.

Our displays are equipped with either multiple incandescent bulbs or multiple Light Emitting Diode (LED) assemblies, which provide a virtually infinite display life.

Individual window display termination is made directly to compression-type terminals or via lug connectors to screw-type terminals. In applications requiring premanufactured cable connection, we furnish multipin connectors to meet customer specifications.

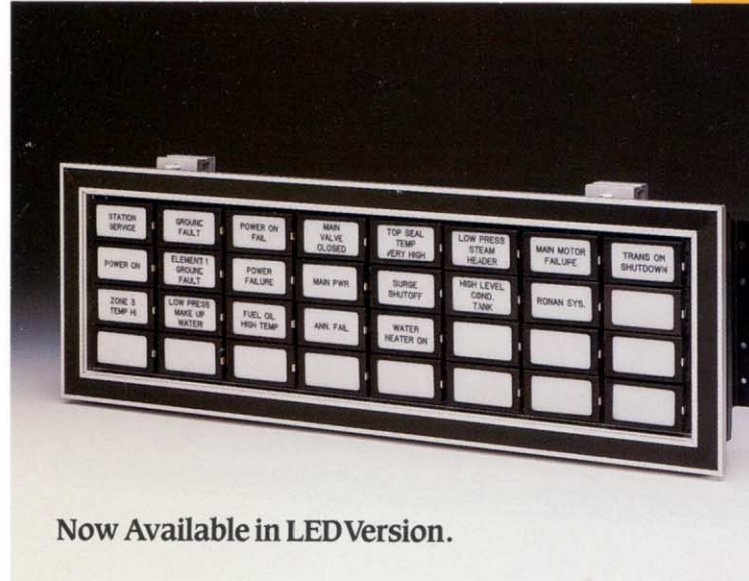
Our lamp cabinets combine excellent mechanical design with superb structural integrity. The aluminum extrusion construction assures you of the best available heat dissipation during continuous operating conditions as well as a pleasing outward appearance.

Ronan's Lamp Cabinet/Indicator Series. Maximum flexibility along with virtually maintenance-free operation, adds up to the quality and value you're looking for.

SERIES LB-1500

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The Series LB-1500 Lamp Cabinet is factory assembled from high density aircraft-type lamp modules in any number of windows high or wide. The lamp assembly features front access relamping and solid color or sandwich lenses. Solder-type terminals allow external connection or factory wiring to multipin connectors that interface via multiconductor cables to the lamp driver logic. Lamp voltages of 6, 24, and 28 volts are standard. LED type displays are available for 24 Vdc.



Now Available in LED Version.

SPECIFICATIONS

Standard Voltages: 6, 24 or 28 Vdc/Vac; LEDs 24 Vdc.

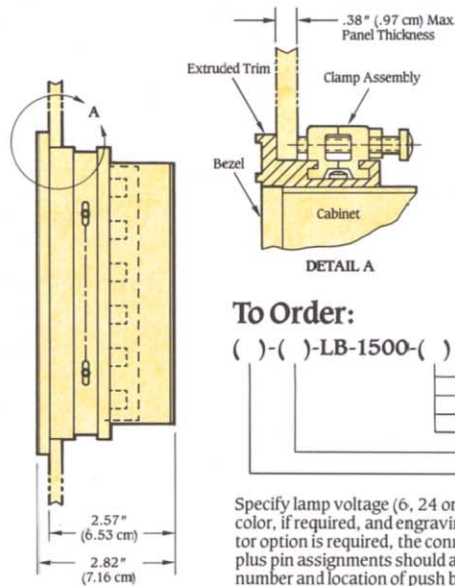
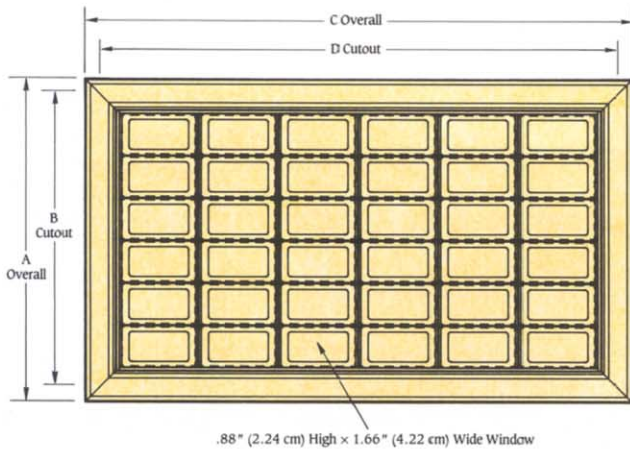
Cabinet Size: Any number of windows high and wide. (May exceed the numbers shown in the table below.)

Lamp Wattage: Two 1-Watt lamps per window; 83 mA at 24 Vdc.

LED Wattage: 400 mW power dissipation; 17 mA at 24 Vdc.

Lenses: Sandwich type lenses available.

Push-button Modules: Integral push-button modules offered as an option.



To Order:

()-()-LB-1500-()

- 6=6 Vdc/Vac
- 24=24 Vdc/Vac
- 28=28 Vdc/Vac
- LED=LEDs-24 Vdc
- Windows Wide
- Windows High

Specify lamp voltage (6, 24 or 28 Vac or Vdc), sandwich lens color, if required, and engraving details. If multipin connector option is required, the connector type and model number plus pin assignments should accompany order. Specify number and location of push buttons required.

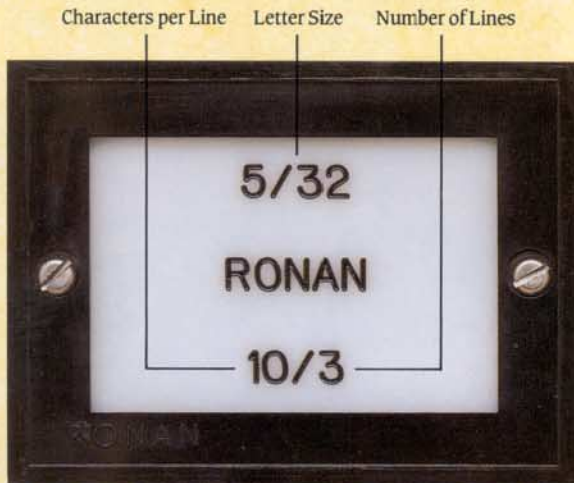
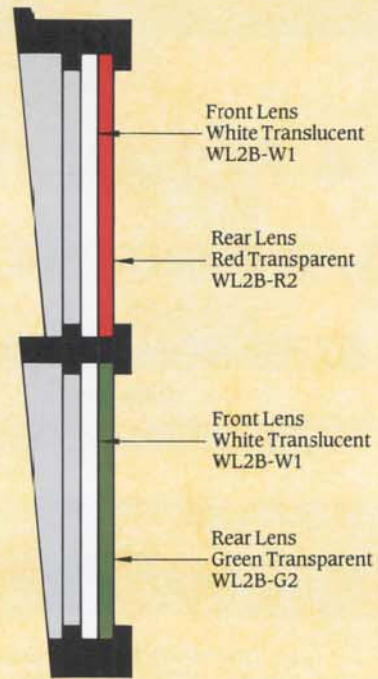
No. of Windows	Windows High		Windows Wide		No. of Windows	Windows High		Windows Wide	
	A—Overall inches (cm)	B—Cutout inches (cm)	C—Overall inches (cm)	D—Cutout inches (cm)		A—Overall inches (cm)	B—Cutout inches (cm)	C—Overall inches (cm)	D—Cutout inches (cm)
2	3.17 (8.05)	2.60 (6.60)	4.73 (12.01)	4.16 (10.57)	10	10.23 (25.98)	9.66 (24.54)	18.02 (45.77)	17.45 (44.32)
3	4.05 (10.29)	3.49 (8.86)	6.39 (16.23)	5.84 (14.83)	11	11.11 (28.22)	10.54 (26.77)	19.68 (49.99)	19.11 (48.54)
4	4.93 (12.52)	4.37 (11.10)	8.05 (20.45)	7.48 (19.00)	12	11.99 (30.45)	11.42 (29.01)	21.34 (54.20)	20.77 (52.76)
5	5.82 (14.78)	5.25 (13.34)	9.71 (24.66)	9.16 (23.27)	13	12.87 (32.69)	12.30 (31.24)	23.00 (58.42)	22.43 (56.97)
6	6.68 (16.97)	6.13 (15.57)	11.37 (28.88)	10.81 (27.46)	14	13.75 (34.93)	13.19 (33.50)	24.66 (62.64)	24.09 (61.19)
7	7.58 (19.25)	7.01 (17.81)	13.02 (33.07)	12.47 (31.67)	15	14.64 (37.19)	14.07 (35.74)	26.32 (66.85)	25.76 (65.43)
8	8.46 (21.49)	7.89 (20.04)	14.69 (37.31)	14.13 (35.89)	16	15.52 (39.42)	14.95 (37.97)	27.98 (71.07)	27.42 (69.65)
9	9.34 (23.72)	8.78 (22.30)	16.35 (41.53)	15.79 (40.11)					

NAMEPLATE ENGRAVING DETAILS

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A complete line of sandwich-type lenses is available on most lamp cabinets.* With these lenses, the need for color caps and their effect of reducing lamp life are eliminated. Sandwich lenses provide an even distribution of color behind the front lens. These type lenses are recommended when a color display behind the white lens is required to indicate alarm functions such as high or low, or to distinguish between alarm and shutdown functions. The Standard sandwich lens is available with white front lens and black engraved letters. Consult factory for special applications.

*Not available on LB-2100 and LB2200 cabinets.



Model X45-100



Model X18-300



Model X18-200



Model X18-100



Model X1D3



NAMEPLATE ENGRAVING DETAILS

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Lamp Cabinet LB-1000, LC-1000
Lens WL1; Bezel WB1-()*



Lamp Cabinet LB-2000, LC-2000
Lens WL2; Bezel WB2-()*



Lamp Cabinet LB-3000; LC-3000
Lens WL3; Bezel WB3-()*



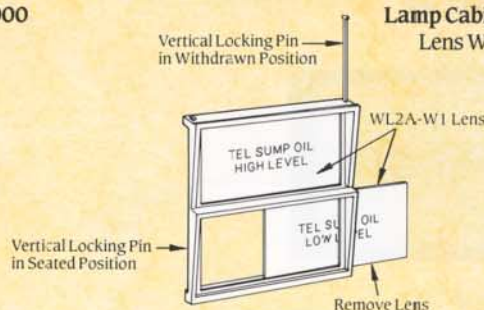
Lamp Cabinet LB-4000, LC-4000
Lens WL4; Bezel WB4-()*

* BEZEL COLORS

- | | | |
|-------------|--------------|-------------|
| ■ Black (0) | ■ Yellow (4) | ■ Grey (8) |
| ■ Brown (1) | ■ Green (5) | ■ White (9) |
| ■ Red (2) | ■ Blue (6) | |

TO ORDER: (Example)

WB2-(0) = Black Bezel for LB-2000
WB1-(2) = Red Bezel for LC-1000



NAMEPLATE INSTALLATION

The window lenses are inserted into channeled grooves and retained with vertical locking pins as shown. This design permits the relocation of individual legends without re-engraving nameplates.

NAMEPLATE ENGRAVING DETAILS

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Lamp Cabinet LB-1500
Lens WL15-()*()**; Bezel WB15-(Black Only)



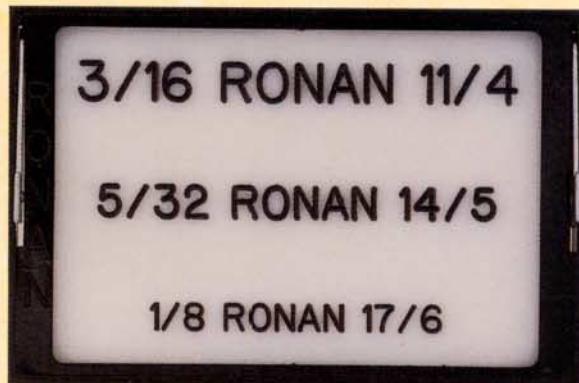
Lamp Cabinet LB-2448
Lens WL24-()*()**; Bezel WB24-()***



Lamp Cabinet LB-2100
Lens WL21-()*()**; Bezel WB21-()***



Lamp Cabinet LB-5500
Lens WL55-1/16-()**; Bezel WB55-(Black Only)



Lamp Cabinet LB-2200
Lens WL22-()*()**; Bezel WB22-()***



Lamp Cabinet LB-3500
Lens WL35-()*()**; Bezel WB35-()***
Bezel is Anodized Aluminum.
Colors available are: Black, White, Red, Blue, Green

* NAMEPLATE SIZE

- 1/8" Thick (A)
- 1/16" Thick (B)

** LENS COLORS

- Red (2) Blue (6)
- Yellow (4) White (9)
- Green (5) Amber (10)

*** BEZEL COLORS

- Black (0) Green (5)
- Brown (1) Blue (6)
- Red (2) Grey (8)
- Yellow (4) White (9)

LAMP STYLES/RATINGS

Display Types LB-1000, LB-2000, LB-3000, LB-4000, LC-1000, LC-2000, LC-3000, LC-4000, LB1, LB2, LB3, LB4, LB2100, LB-2200, LB-2448 and LB-3500:

24 Vac or Vdc, Lamp No. 1829, Bayonet Base, 2 W.
24 Vac or Vdc, Lamp No. 1224K, Bayonet Base, 3 W.
48 Vac or Vdc, Lamp No. 1835, Bayonet Base, 2 W.
120 Vac, Lamp No. 6S6SC/120, Screw Base, 6 W.
125 Vdc, Lamp No. 656SC/145, Screw Base, 6 W.

Display Types X45 and R100:

120 Vdc, Lamp No. 3S6SC/120, Screw Base, 3 W.
125 Vdc, Lamp No. 3S6SC/130, Screw Base, 3 W.

Display Type X18:

6 Vac or Vdc, Lamp No. 6 MB, Bayonet Base, 1 W.
12 Vac or Vdc, Lamp No. 12 MB, Bayonet Base, 2 W.
24 Vac or Vdc, Lamp No. 28 MB, Bayonet Base, 1.5 W.
48 Vac or Vdc, Lamp No. 48 MB, Bayonet Base, 2.5 W.
60 Vac or Vdc, Lamp No. 60 MB, Bayonet Base, 3 W.
120 Vac or Vdc, Lamp No. 120 MB, Bayonet Base, 3 W.

Display Types X1D3 and LB-1500:

28 Vac or Vdc, Lamp No. 327, Miniature Base, 1 W.
28 Vac or Vdc, Lamp No. 387, Miniature Base, 1 W.
6 Vac or Vdc, Lamp No. 328, Miniature Base, 1.5 W.

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WARRANTY

Ronan warrants equipment of its own manufacture to be free from defects in material and workmanship, under normal conditions of use and service, and will replace any component found to be defective, on its return, transportation charges prepaid, within one year of its original purchase. This warranty carries no liability, either expressed or implied, beyond our obligations to replace the unit which carries the warranty.

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RONAN ENGINEERING
COMPANY
P.O. Box 1275
21200 Oxnard Street
Woodland Hills,
California 91367 U.S.A.
(818) 883-5211
FAX (818) 992-6435

RONAN ENGINEERING
LTD. U.K.
1 Tilley Road
Crowther District 3
Washington, Tyne and Wear
United Kingdom, NE38-OEA
(091) 416-1689
FAX (091) 416-5856

RONAN ENGINEERING
LIMITED
32 Bermondsey Road
Toronto, Ontario
Canada M4B1Z5
(416) 752-0310
FAX (416) 752-8072

RONAN ENGINEERING
(AUST.) PTY. LTD.
Unit 10, 8 Leighton Place
Hornsby, N.S.W. 2077
Australia
(02) 477-7344
FAX (02) 477-6151