The Model X45-100 Indicator has an engravable nameplate size of 1.43 inches × 2.12 inches. Nameplates are available in amber, blue, green, red and white. The 115 Vac system is illuminated by two 3-Watt lamps. Other voltages are also available with the use of standard S6 lamps.

The Model R100 Pilot Lamp Indicator provides an excellent power-on indication or alarm status. The standard voltage is 115 Vac or 125 Vdc. Other voltages are also available with the use of standard S6 lamps. The R100 is available with red, green, blue, amber or white lenses and is supplied with gaskets to meet NEMA 12 standards on panel face.
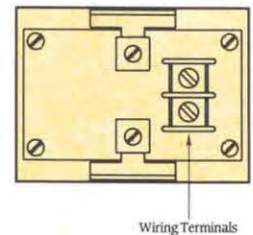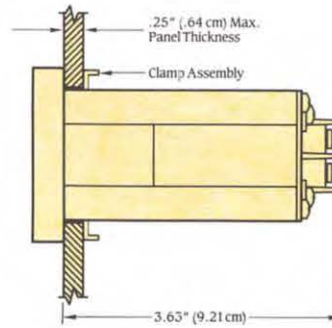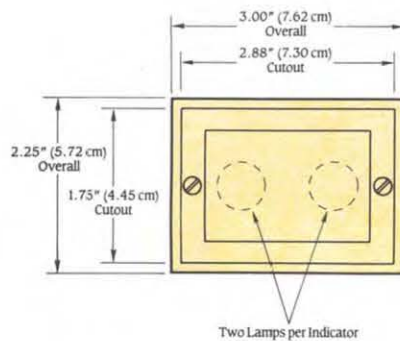
Models LB1, LB2, LB3 and LB4 are single cabinet module indicators based on the popular LB series.

NAMEPLATE SIZE
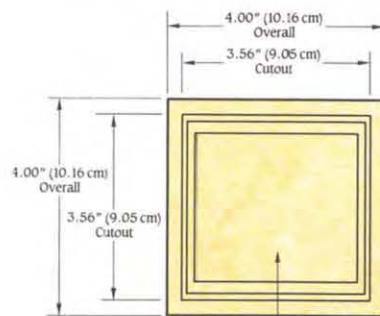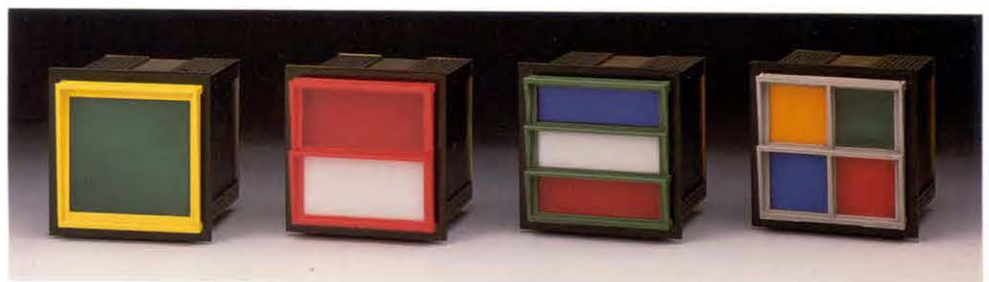
LB1–2.75" (6.99 cm) high × 3.00" (7.60 cm) wide. Two 6-Watt lamps per window.

LB2–1.4" (3.56 cm) high × 3.00" (7.62 cm) wide. Two 3-Watt lamps per window.

LB3–.86" (2.18 cm) high × 3.00" (7.62 cm) wide. Two 3-Watt lamps per window.

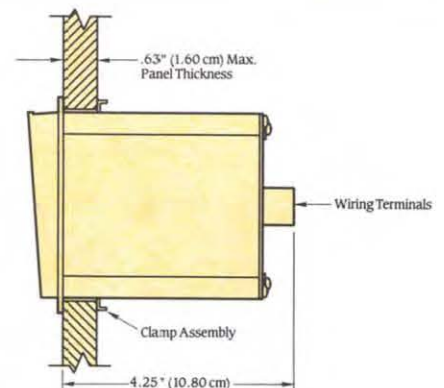**LB4**–1.4" (3.56 cm) high × 1.4" (3.56 cm) wide. One 3-Watt lamp per window.

Note: 24, 48 and 120 Vac or Vdc lamps available.

10

*I*NDICATORS
· · · · · · · · · ·

The Models X18-100 and X18-200 Compact Indicators are full voltage and have dual lamp indicators. There is no need for resistors or transformers on 115 Vac service. Both models are suitable for mounting in groups either vertically or horizontally. The X18-200 utilizes two individually wired lenses in one unit. Lenses on both models are available in a choice of 5 colors. Lens surfaces may be engraved. Wire terminals are combination screw type/solderless tabs.

SPECIFICATIONS

Panel Cutout: Single Mounting –.91" (2.31 cm) High × 1.84" (4.69 cm) Wide. Multiple Mounting–Horizontally, add 2.02" (5.12 cm) per additional unit. Vertically, add 1.02" (2.58 cm) per additional unit.

Nameplate Size: Model X18-100 –.75" (1.90 cm) High × 1.56" (3.82 cm) Wide. Model X18-200 –.75" (1.90 cm) High × .75" (1.90 cm) Wide.
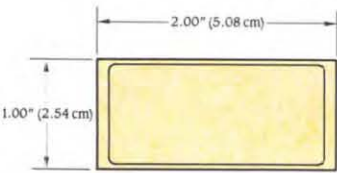
Standard Voltages: 6, 12, 24, 28, 48, 60, 20.

Lens Colors: Amber, Blue, Green, Red, White.

Horizontal Arrangement

Vertical Arrangement

2.00" (5.08 cm)

1.00" (2.54 cm)

Model X18-100

2.00" (5.08 cm)

Model X18-200

2.50" (6.35 cm)
Removable Clamp

.50" (1.27 cm) Max. Panel Thickness

Wiring Terminals

Wiring Terminals

The Model X18-300 is a full voltage, single lamp indicator which needs no resistors or transformers on 115 Vac service. It is suitable for mounting in groups either vertically or horizontally. The lenses may be engraved. Wire terminals are combination screw type/solderless tabs.

SPECIFICATIONS

Panel Cutout: Single Mounting –.91" (2.31 cm) High × .98" (2.48 cm) Wide. Multiple Mounting–Horizontally, add 1.19" (3.02 cm) per additional unit. Vertically, add 1.02" (2.58 cm) per additional unit.

Nameplate Size: .75" (1.90 cm) High × .75" (1.90 cm) Wide.

Standard Voltages: 6, 12, 24, 28, 48, 60, 120.
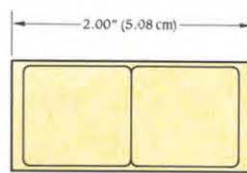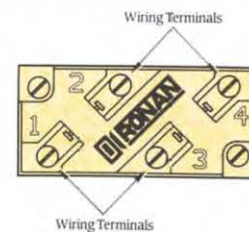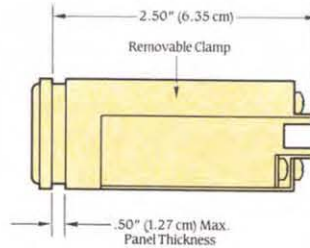
Lens Colors: Amber, Blue Green, Red, White.
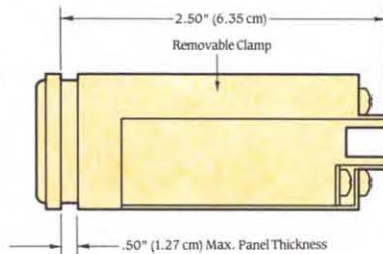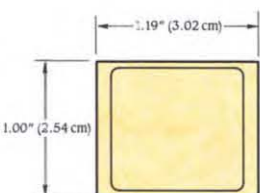
1.19" (3.02 cm)

1.00" (2.54 cm)

2.50" (6.35 cm)
Removable Clamp

.50" (1.27 cm) Max. Panel Thickness

Wiring Terminals

Horizontal Arrangement

Vertical Arrangement

The Model XID3 Tri-Color Indicator Lights combine craftsmanship with convenience to be quickly and easily applied to your specific needs: production testing, process instrumentation, control panels, alarm indicators, graphic displays, etc.

They are small in size, measuring 2-7/16 inches long and 1 inch in diameter. The lens is engravable acrylic with excellent side vision up to 180°. Lamps are available in a choice of three of 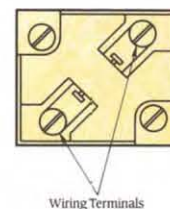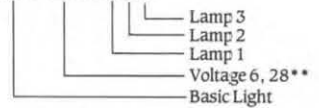the five standard colors (for each lamp). The indicators are completely enclosed (dustproof), keyed for proper orientation and may be mounted on 1-1/8 inch centers. The terminals accept soldered, taper pin or screw connections. The XID3 carries CSA approval.

No tools are required for the easy front-of-panel replacement of lamps. Each lamp may be wired individually, thus eliminating the use of common connections.

PANEL LAYOUT

1.13" (2.86 cm) Min.

1.13" (2.86 cm) Min.

.88" (2.22 cm) Dia. Mounting Hole in Panel

2.44" (6.19 cm) Overall

Panel Up to .75" (1.90 cm) Thick

Coloring Lens

Shell Lamp Collar

Contact Pin

N1 Lamp No. 2
N2

U1
Lamp No. 1
U2

L1
Lamp No. 3
L2

Key (On Front)

TEMINAL ARRANGEMENT

7.50" (1.91 cm) Dia. Lens

1.00" (2.54 cm) Dia. Overall

Lamp Shell

Contact Inner Sleeve Retaining Ring

Spring Base Assembly Collector / Diffuser Lens

LAMP SOCKET AND ASSEMBLY

FRONT VIEW

To Order (Example)*

XID3-28A-RGA
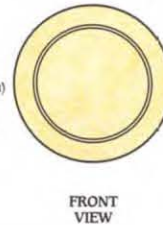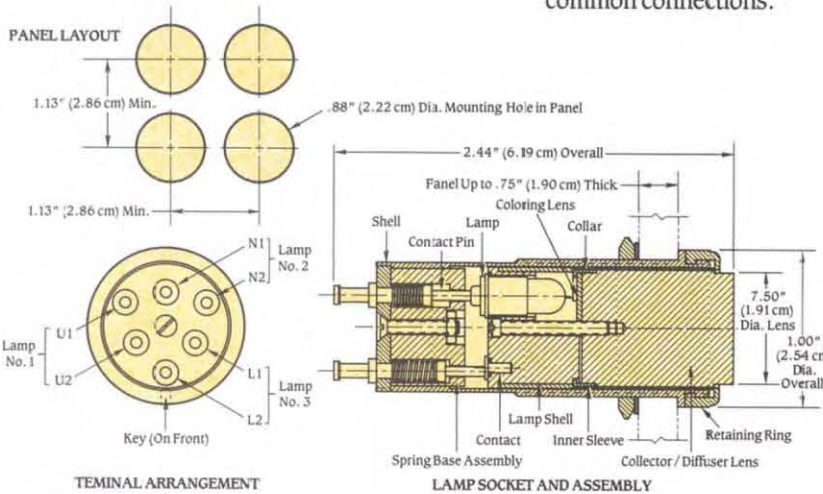
— Lamp 3
— Lamp 2
— Lamp 1
— Voltage 6, 28**
— Basic Light

*This would be a light containing three 28 V lamps plus a red lens, green lens and an amber lens.

**No. 328–1000 hr., 6-6 V, 200 mA
No. 327–4000 hr., 28A-28 V, 40 mA
No. 387–7000 hr., 28B-28 V, 40 mA

Lens Colors

🔴 R (Red)   🔵 B (Blue)
🟢 G (Green)   ⚪ W (White)
🟠 A (Amber)

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*N*EMA 12 & 4 DOORS
· · · · · · · · · ·

NEMA 12 and 4 Doors, built especially for Series LB and Series LC Lamp Cabinets, are used to completely seal the fronts of cabinets against moisture or corrosive atmosphere.

Each door assembly houses a clear acrylic window which is sealed with neoprene gaskets. Extra gasketing is supplied for sealing between the door frame and the control panel.

Add 1.63" (4.14 cm) Overall*

Waterproof Gaskets

Alarm System

Add 1.75" (4.45 cm) Overall*

Captive Fasteners   Clear Plastic Window

1.44" (3.65 cm)

SECTION A-A

To Order:

23X3-1022-NEMA 12 or 4 Door

— Windows Wide
— Windows High

NEMA Doors are suitable for the following:

LB-1000 and LC-1000—2 Windows High×3 Windows Wide
LB-2000 and LC-2000—4 Windows High×3 Windows Wide
LB-3000 and LC-3000—6 Windows High×3 Windows Wide
LB-4000 and LC-4000—4 Windows High×6 Windows Wide

Specify NEMA 12 or NEMA 4. NEMA doors are available on request for LB-1500, LB-2200, LB-2448 and LB-3500. The hinge on a standard door is provided on the longest side. Contact factory for special requirements.
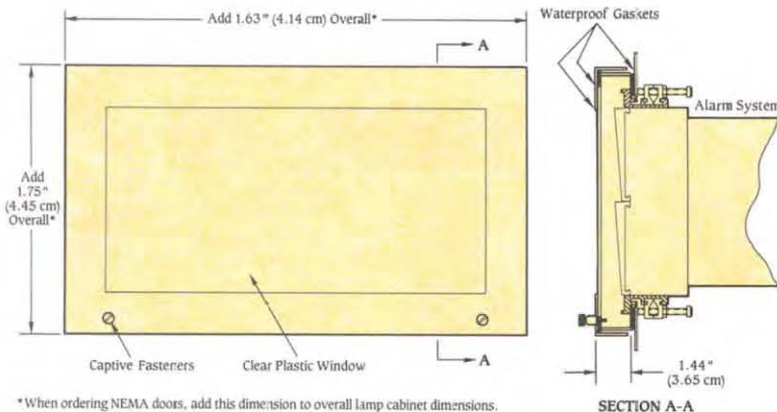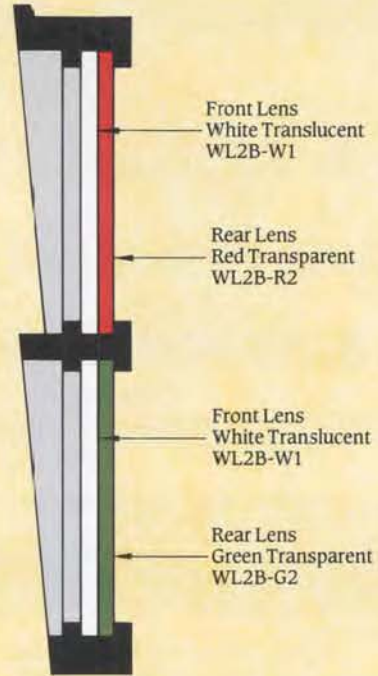
*When ordering NEMA doors, add this dimension to overall lamp cabinet dimensions.

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.

Front Lens
White Translucent
WL2B-W1

Rear Lens
Red Transparent
WL2B-R2

Front Lens
White Translucent
WL2B-W1

Rear Lens
Green Transparent
WL2B-G2

Characters per Line   Letter Size   Number of Lines

5/32

RONAN

10/3

Model X45-100

1/8 RONAN 12/3

Model X18-100

1/8
RONAN
6/3

Model X18-300

1/8
RONAN
6/3

Model X18-200

1/8
RONAN
TYP

Model XID3

Letter Size   Characters per Line   Number of Lines

1/4 RONAN 11/6
3/16 RONAN 14/7
5/32 RONAN 17/8
1/8 RONAN 22/10

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

1/4 RONAN 11/3
3/16 RONAN 14/3
5/32 RONAN 17/4
1/8 RONAN 22/5

1/4 RONAN 11/3
3/16 RONAN 14/3
5/32 RONAN 17/4
1/8 RONAN 22/5

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

1/4 RONAN 11/2
3/16 RONAN 14/2
5/32 RONAN 17/2
1/8 RONAN 22/3

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

1/4 RONAN 4/3	5/32 RONAN 8/4
3/16 RONAN 6/3	1/8 RONAN 10/5

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

Vertical Locking Pin in Withdrawn Position

WL2A-W1 Lens

TEL SUMP OIL HIGH LEVEL

TEL SUMP OIL LOW LEVEL

Vertical Locking Pin in Seated Position

Remove Lens
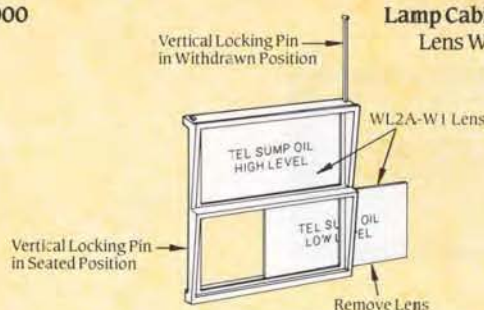
NAMEPLATE INSTALLATION

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.

1/8
RONAN
10/3

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

5/32 RONAN 10/3
1/8 RONAN 12/3

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

1/8
RONAN
8/3

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

3/16 RONAN 11/3
5/32 RONAN 14/4
1/8 RONAN 17/5

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

3/16 RONAN 11/4
5/32 RONAN 14/5
1/8 RONAN 17/6

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

9/16
RONAN
8/3

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)

15

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. 6S6SC/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