

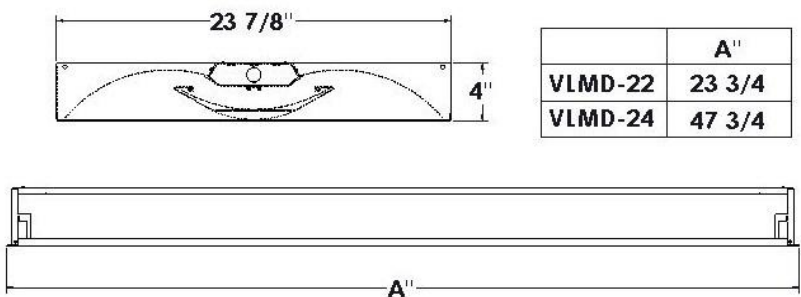
PROJECT:

NOTES:

ORDERING INFORMATION:

**EXAMPLE** VLMD - 22 - L - 40 - 9 - 40 - MV - EM - CLE4 - DM  
 SERIES      NOM. LENGTH      SOURCE      LUMENS      CRI      KELVINS      VOLTAGE      OPTIONS      CONTROLS      DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

|                       |           |                  |        |
|-----------------------|-----------|------------------|--------|
| <b>SERIES</b>         |           | <b>CRI</b>       |        |
| VLMD                  |           | BLANK            | 80 CRI |
|                       |           | 9                | 90 CRI |
| <b>NOMINAL LENGTH</b> |           | <b>KELVIN</b>    |        |
| 22                    | 24" x 24" | 30               | 3000K  |
| 24                    | 24" x 48" | 35               | 3500K  |
| M                     | Metric    | 40               | 4000K  |
|                       |           | 50               | 5000K  |
| <b>SOURCE</b>         |           | TW Tunable White |        |
| L                     | LED       |                  |        |

|                |          |
|----------------|----------|
| <b>VOLTAGE</b> |          |
| MV             | 120-277V |
| 347            | 347V     |

LUMENS

|                |                      |
|----------------|----------------------|
| <b>OPTIONS</b> |                      |
| AH             | Air Handling         |
| EM             | Emergency Power Pack |

**CONTROLS**  
 Click on the following link for control options:  
<https://bit.ly/2KzMuAx>

**DRIVER**  
 BLANK Non-dimming applications  
 DM 0-10V dimming  
 DA DALI driver

Click on the following link for special driver options:  
<https://bit.ly/2FqZ6qU>

FEATURES

- > Premium grade, modern, aesthetic direct / indirect troffer
- > Low-glare direct and indirect light distribution for primary and ambient lighting with high visual comfort
- > Basket shaped perforated metal shield with integrated crossblade parabolic baffle
- > Opal acrylic overlay lens
- > Efficacies up to 138 lm/W
- > 100% made in Canada

APPLICATIONS

- > Offices
- > Schools
- > Retail stores
- > Commercial

| Lumen Package*   | Nom. Lumens | Wattage |
|------------------|-------------|---------|
| <b>24" x 24"</b> |             |         |
| 30               | 3,000       | 23      |
| 50               | 5,000       | 39      |
| <b>24" x 48"</b> |             |         |
| 30               | 3,000       | 22      |
| 40               | 4,000       | 29      |
| 50               | 5,000       | 36      |

\*Other lumen packages available

FIXTURE PERFORMANCE DATA

**SPECIFICATIONS**

**Housing/Reflector** – Precision die-formed 20-gauge C.R.S.

**Shielding** – Perforated basket with opal acrylic lens overlay and integrated crossblade parabolic baffle

**Finish** – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

**Electrical** – High quality mid-power LED boards. L70 >50,000 hours

**Mounting** – T-Bar ceiling lay-in

**Listings** –

- cUL certified as luminaire suitable for dry or damp locations.

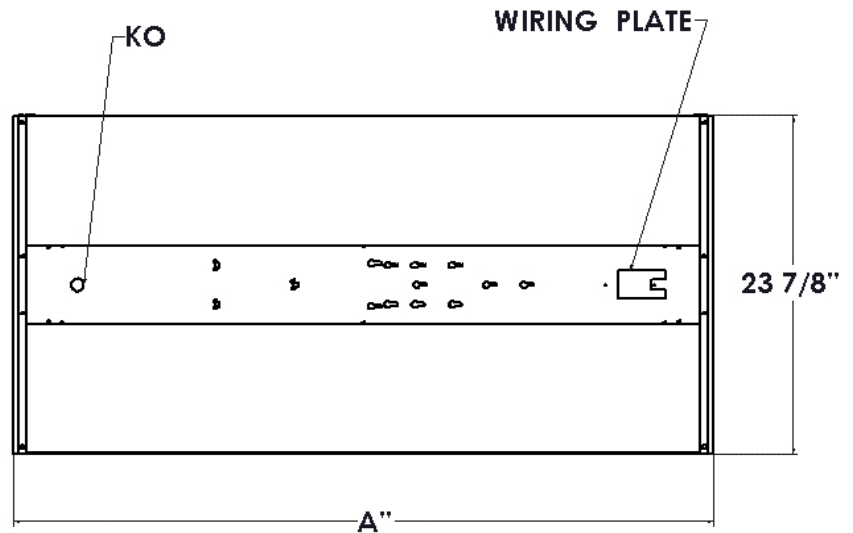
**Warranty** – 5-year limited warranty

| LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|-------------|------------------|---------|-----------------|
| 24" x 24"   |                  |         |                 |
| 30          | 3,153            | 23      | 137             |
| 50          | 5,248            | 39      | 135             |
| 24" x 48"   |                  |         |                 |
| 30          | 2,991            | 22      | 136             |
| 40          | 3,993            | 29      | 138             |
| 50          | 4,990            | 36      | 138             |

\*Results based on 4000K, 80 CRI

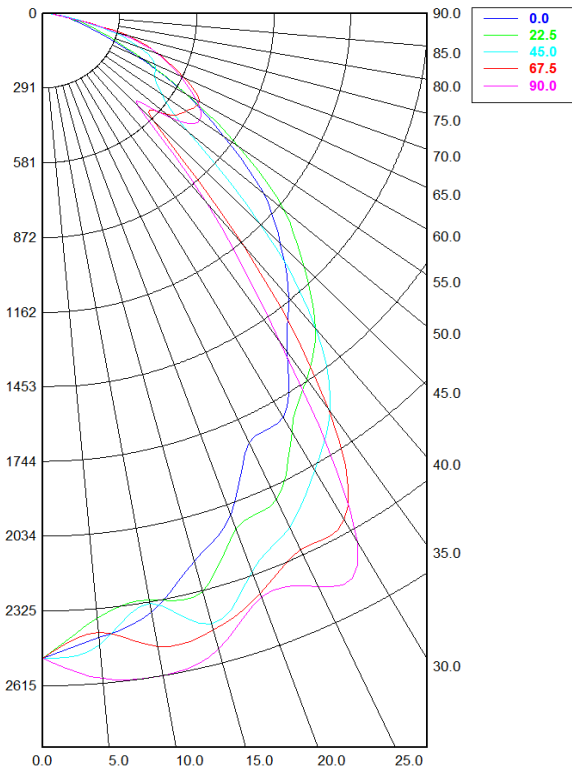
| MULTIPLIER TABLE  |                   |
|-------------------|-------------------|
| COLOR TEMPERATURE |                   |
| CCT/CRI           | CONVERSION FACTOR |
| 3000K / 80 CRI    | 0.95              |
| 3500K / 80 CRI    | 0.97              |
| 4000K / 80 CRI    | 1                 |
| 5000K / 80 CRI    | 1.03              |

FIXTURE DETAILS



PHOTOMETRY

VLMD-22-LED-50-40-MVOLT Total Luminaire Output: 4,990 lumens; 36 Watts



Candela Distribution

|        | 0.00°    | 22.50°   | 45.00°   | 67.50°   | 90.00°   |
|--------|----------|----------|----------|----------|----------|
| 0.00°  | 2,508.83 | 2,508.83 | 2,508.83 | 2,508.83 | 2,508.83 |
| 5.00°  | 2,437.49 | 2,362.18 | 2,465.59 | 2,416.48 | 2,597.44 |
| 10.00° | 2,364.96 | 2,316.74 | 2,330.83 | 2,500.31 | 2,615.37 |
| 15.00° | 2,206.92 | 2,327.98 | 2,459.96 | 2,483.89 | 2,561.20 |
| 20.00° | 2,072.27 | 2,133.75 | 2,307.93 | 2,400.35 | 2,414.48 |
| 25.00° | 1,844.15 | 2,085.99 | 2,204.96 | 2,302.74 | 2,460.37 |
| 30.00° | 1,815.02 | 1,877.46 | 2,054.23 | 2,277.29 | 2,375.84 |
| 35.00° | 1,606.71 | 1,737.21 | 1,891.64 | 1,887.37 | 1,559.93 |
| 40.00° | 1,440.23 | 1,603.60 | 1,605.92 | 1,167.81 | 965.96   |
| 45.00° | 1,266.81 | 1,397.89 | 1,166.19 | 591.21   | 505.61   |
| 50.00° | 1,081.12 | 1,184.35 | 715.78   | 611.01   | 637.53   |
| 55.00° | 831.68   | 899.64   | 549.01   | 661.91   | 721.78   |
| 60.00° | 613.57   | 622.06   | 488.29   | 680.60   | 666.63   |
| 65.00° | 391.03   | 410.02   | 466.85   | 585.01   | 567.83   |
| 70.00° | 233.94   | 270.49   | 390.87   | 461.84   | 460.14   |
| 75.00° | 142.16   | 174.59   | 262.12   | 322.52   | 301.28   |
| 80.00° | 85.10    | 93.66    | 117.91   | 98.07    | 88.00    |
| 85.00° | 39.10    | 35.93    | 37.31    | 40.14    | 38.90    |
| 90.00° | 5.72     | 5.61     | 5.39     | 4.55     | 6.02     |

Spacing Criterion:

|                           |      |
|---------------------------|------|
| Two luminaires, plane 0°  | 1.06 |
| Two luminaires, plane 90° | 1.24 |
| Four luminaires           | 1.24 |

Zonal Lumen Summary

| Zone              | Lumens   | % Fixture |
|-------------------|----------|-----------|
| 0.00° - 10.00°    | 246.26   | 4.69%     |
| 10.00° - 20.00°   | 670.05   | 12.77%    |
| 20.00° - 30.00°   | 1,003.91 | 19.13%    |
| 30.00° - 40.00°   | 1,088.29 | 20.74%    |
| 40.00° - 50.00°   | 814.29   | 15.52%    |
| 50.00° - 60.00°   | 645.26   | 12.29%    |
| 60.00° - 70.00°   | 480.02   | 9.15%     |
| 70.00° - 80.00°   | 251.24   | 4.79%     |
| 80.00° - 90.00°   | 49.00    | 0.93%     |
| 90.00° - 100.00°  | 1.47     | 0.03%     |
| 100.00° - 110.00° | 0.00     | 0.00%     |
| 110.00° - 120.00° | 0.00     | 0.00%     |
| 120.00° - 130.00° | 0.00     | 0.00%     |
| 130.00° - 140.00° | 0.00     | 0.00%     |
| 140.00° - 150.00° | 0.00     | 0.00%     |
| 150.00° - 160.00° | 0.00     | 0.00%     |
| 160.00° - 170.00° | 0.00     | 0.00%     |
| 170.00° - 180.00° | 0.00     | 0.00%     |
| 0.00° - 90.00°    | 5,248.33 | 100.00%   |
| 90.00° - 180.00°  | 1.47     | 0.03%     |
| 0.00° - 180.00°   | 5,248.33 | 100.00%   |