

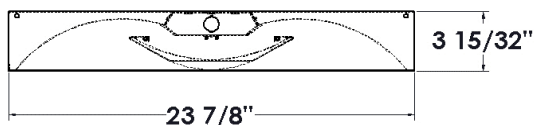
PROJECT:

NOTES:

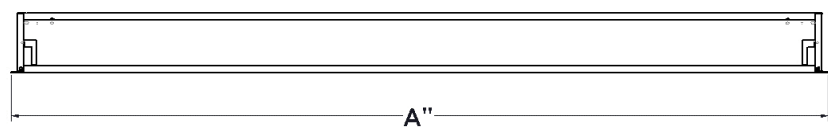
ORDERING INFORMATION:

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

SHOP DRAWINGS



| | |
|---------|--------|
| | A" |
| VLMD-22 | 23 3/4 |
| VLMD-24 | 47 3/4 |



ORDERING INFORMATION

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

| | |
|----------------|----------|
| VOLTAGE | |
| MV | 120-277V |
| 347 | 347V |

LUMENS

| | |
|----------------|----------------------|
| OPTIONS | |
| 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 |
|------------------|-------------|---------|
| 24" x 24" | | |
| 30 | 3,000 | 23 |
| 50 | 5,000 | 39 |
| 24" x 48" | | |
| 30 | 3,000 | 22 |
| 40 | 4,000 | 29 |
| 50 | 5,000 | 36 |

*Other lumen packages available

LED

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 –

■ CSA certified as luminaire suitable for dry or damp locations.

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

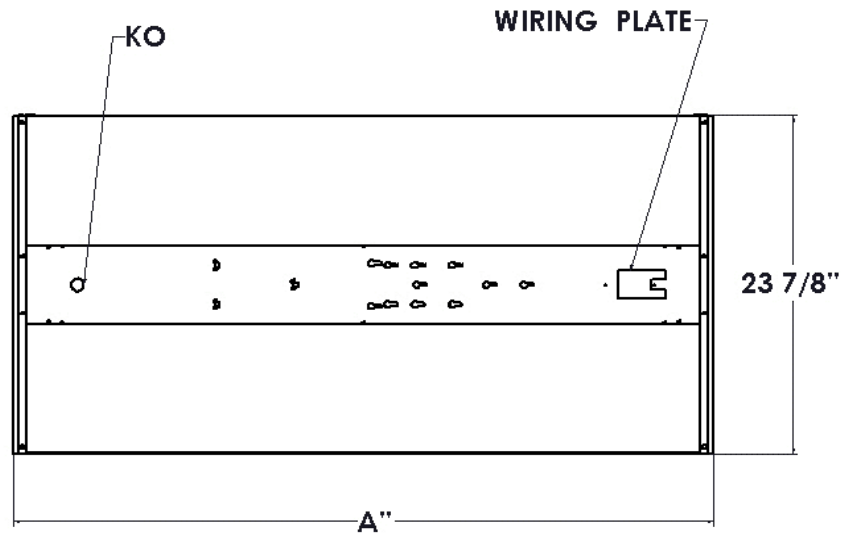
Warranty – 5-year limited warranty

| 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

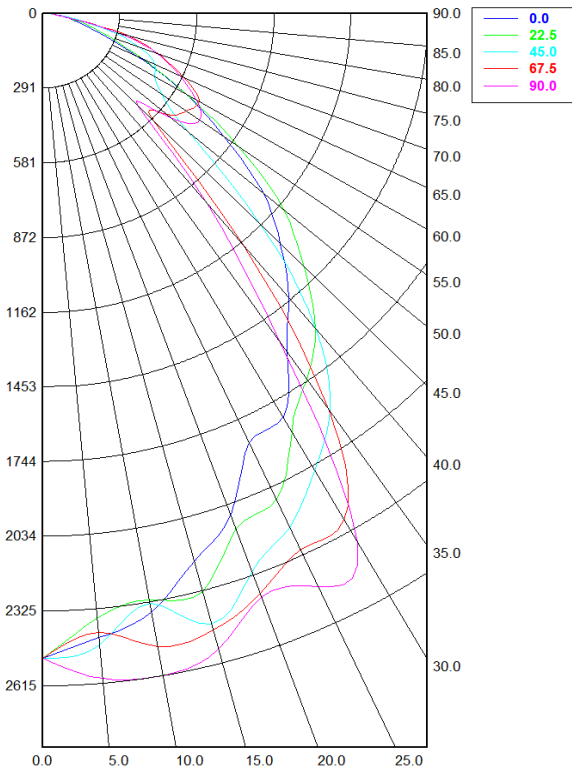
| MULTIPLIER TABLE | |
|-------------------|-------------------|
| COLOR TEMPERATURE | |
| CCT/CRI | CONVERSION FACTOR |
| 3000K / 80 CRI | 0.95 |
| 3500K / 80 CRI | 0.97 |
| 4000K / 80 CRI | 1 |
| 5000K / 80 CRI | 1.03 |

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% |

