

The Delviro Energy series of LED luminaires was designed and built with high performance, efficiency, and cost-effectiveness in mind. Delviro Energy products provide higher efficacy, longer lifetime, and more reliable light than conventional lighting products. Our fixtures have been designed and built to exceed the performance of CFL and HID light sources while using less power. Our proprietary board designs are extremely well-equipped for all types of light-on-demand applications. Unlike traditional CFL and HID luminaires, Delviro Energy products can be instantaneously and smoothly dimmed without affecting the life of the fixture. Delviro Energy fixtures are solid state solutions for the commercial and industrial lighting markets.

Project: \_\_\_\_\_

Type: \_\_\_\_\_

Date: \_\_\_\_\_

Product: \_\_\_\_\_

## VAPOR TIGHT LED

### VAPOR TIGHT LED



| MODEL         | DESCRIPTION          | LPW | ACTUAL INPUT WATTS | LUMENS | VOLTS              |
|---------------|----------------------|-----|--------------------|--------|--------------------|
| VaporTight30  | Small 4ft VaporTight | 139 | 27.6               | 3,850  | 120/277<br>347     |
| VaporTight40  | Small 4ft VaporTight | 135 | 37.1               | 5,050  | 120/277<br>347     |
| VaporTight60  | Small 4ft VaporTight | 133 | 56                 | 7,475  | 120/277<br>347     |
| VaporTight80  | Small 4ft VaporTight | 125 | 78.8               | 9,880  | 120/277<br>347     |
| VaporTight120 | Large 4ft VaporTight | 133 | 122                | 16,270 | 120/277<br>347/480 |
| Vaportight160 | Large 4ft VaporTight | 129 | 160.2              | 20,680 | 120/277<br>347/480 |

### Specifications/Features

- Weather Proof Fixture. Enclosed and gasketed body protects electronics from harsh weather elements
- Moisture Resistant and Corrosion Free
- Vapor and Chemical Resistant
- Dust and moisture protective
- Frosted and clear lens options
- Efficacy: up to 139 lpw
- 4' length | 6" and 18" widths
- 200,000+ life hours (L70)
- Power: 30W, 40W, 60W, 80W, 120W, 160W
- Temperature rating: -40°C to +35°C
- 3000K, 3500K, 4000K, 5000K color temperatures
- High Temperature +55°C version available
- CRI: 85
- 0 - 10V Dimming included
- NFS Compliant
- IP 65
- DLC Listed

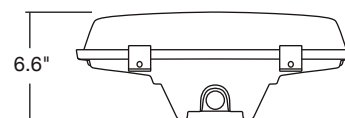
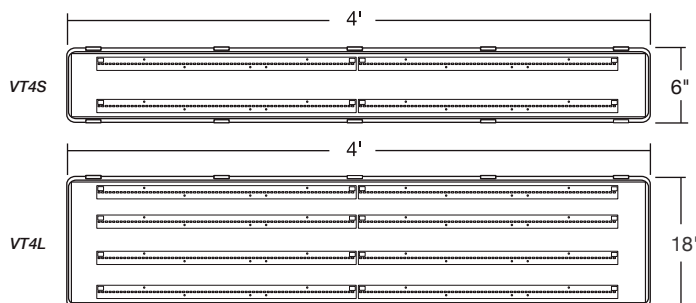
**10 Year Warranty**  
**MADE IN CANADA**

### APPLICATIONS

- Industrial Facilities
- Processing Plants
- Laboratories
- Gas Stations/Car Wash
- Chemical Plants
- Refrigeration/Freezers



### Physical Dimensions

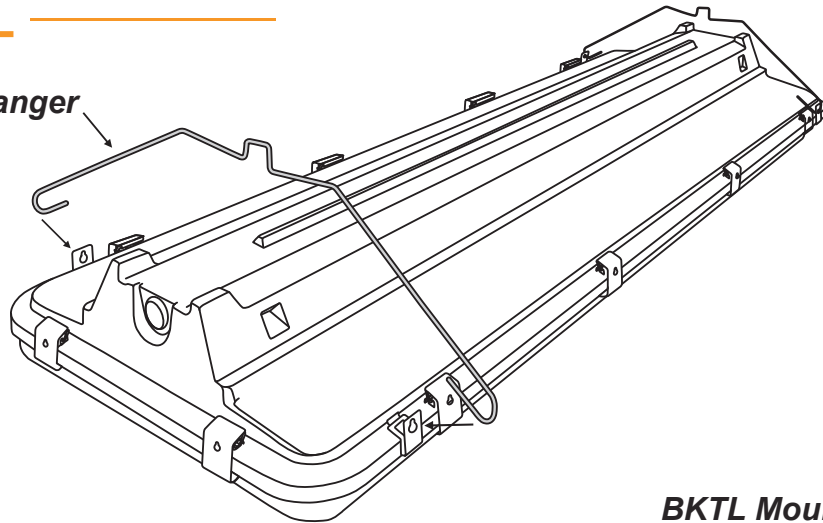


# VAPOR TIGHT *LED*

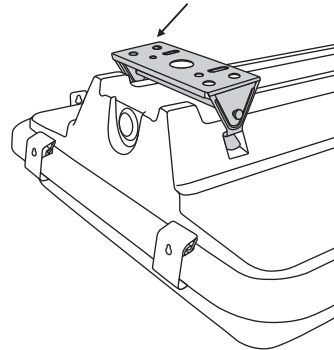
## Mounting Information

### VT4L

*EHB-Hanger*

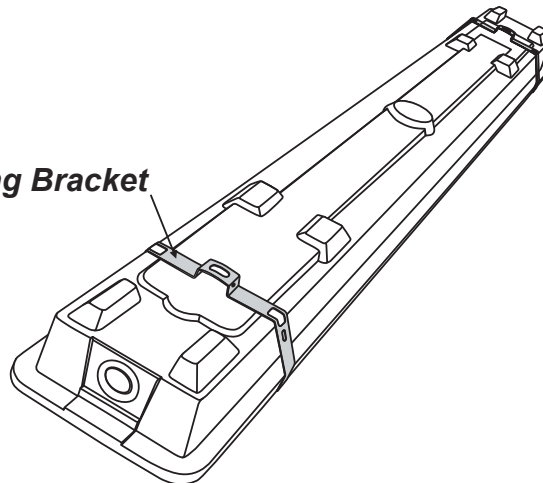


*BKTL Mounting Bracket*



### VT4S

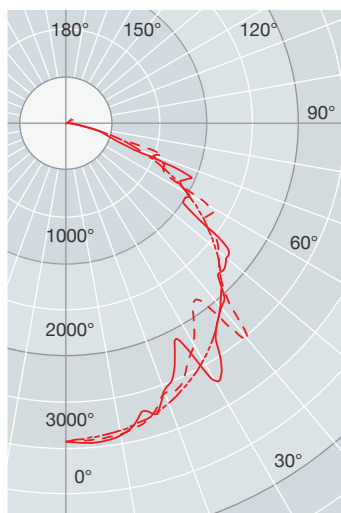
*BKTS Mounting Bracket*



# VAPOR TIGHT *LED*

## Photometrics

VaporTight 80W



ACROSS ———  
45 - - - -  
ALONG - - - -

### CANDLEPOWER SUMMARY

| ANGLE | ALONG | 22.5 | 45   | 67.5 | ACROSS | OUTPUT LUMENS |
|-------|-------|------|------|------|--------|---------------|
| 0     | 3422  | 3422 | 3422 | 3422 | 3422   |               |
| 5     | 3392  | 3416 | 3412 | 3438 | 3442   | 331           |
| 15    | 3296  | 3336 | 3320 | 3211 | 3199   | 927           |
| 25    | 3094  | 3119 | 3015 | 2891 | 2781   | 1371          |
| 35    | 2783  | 2641 | 2391 | 2914 | 2815   | 1716          |
| 45    | 2361  | 1668 | 2372 | 2437 | 2327   | 1810          |
| 55    | 1828  | 1234 | 1812 | 1872 | 1607   | 1629          |
| 65    | 1200  | 605  | 1155 | 1306 | 1423   | 1242          |
| 75    | 535   | 125  | 472  | 433  | 436    | 587           |
| 85    | 91    | 42   | 94   | 84   | 84     | 139           |
| 90    | 14    | 34   | 45   | 55   | 58     |               |
| 95    | 41    | 38   | 33   | 37   | 41     | 40            |
| 105   | 36    | 12   | 19   | 23   | 26     | 30            |
| 115   | 14    | 2    | 27   | 15   | 21     | 22            |
| 125   | 5     | 0    | 47   | 57   | 39     | 28            |
| 135   | 2     | 0    | 1    | 5    | 24     | 8             |
| 145   | 0     | 0    | 0    | 1    | 1      | 0             |
| 155   | 0     | 0    | 0    | 0    | 0      | 0             |
| 165   | 0     | 0    | 0    | 0    | 0      | 0             |
| 175   | 0     | 0    | 0    | 0    | 0      | 0             |
| 180   | 0     | 0    | 0    | 0    | 0      |               |

| ZONE     | LUMENS | % LAMP | % LUMINAIRE |
|----------|--------|--------|-------------|
| 0 - 30   | 2628   | 26.60  | 26.60       |
| 0 - 40   | 4345   | 43.97  | 43.97       |
| 0 - 60   | 7784   | 78.78  | 78.78       |
| 0 - 90   | 9752   | 98.69  | 98.69       |
| 40 - 90  | 5407   | 54.72  | 54.72       |
| 60 - 90  | 1968   | 19.92  | 19.92       |
| 90 - 180 | 129    | 1.31   | 1.31        |
| 0 - 180  | 9881   | 100.00 | 100.00      |

\*\* EFFICACY = 125.4 LMS/WATT \*\*

## Ordering Information

| Product Series | Watts      | Color Temp       | Voltage           | Lens              | Finish           | Mounting             | Wiring             | Accessories             |
|----------------|------------|------------------|-------------------|-------------------|------------------|----------------------|--------------------|-------------------------|
| <b>VT4S</b>    | <b>30</b>  | <b>27K(2700)</b> | <b>U-120/277V</b> | <b>CL-Clear</b>   | <b>WH-White</b>  | <b>BKTS-Mounting</b> | <b>IN-Internal</b> | <b>N-None</b>           |
|                | <b>40</b>  | <b>3K(3000)</b>  | <b>H-347V</b>     | <b>FR-Frosted</b> | <b>CU-Custom</b> | Bracket              | <b>BFC*</b>        | <b>OCC-Occupancy</b>    |
|                | <b>60</b>  | <b>35K(3500)</b> |                   |                   |                  |                      | <b>WFC*</b>        | Sensor                  |
|                | <b>80</b>  | <b>4K(4000)</b>  |                   |                   |                  |                      |                    | <b>BLD-Bi Level</b>     |
|                |            | <b>5K(5000)</b>  |                   |                   |                  |                      |                    | Dimming**               |
| <b>VT4L</b>    | <b>120</b> |                  | <b>U-120/277V</b> | <b>CL-Clear</b>   |                  | <b>EHB-Hanger</b>    |                    | <b>WOC-Waterproof</b>   |
|                | <b>160</b> |                  | <b>H-347/480V</b> | <b>FR-Frosted</b> |                  | <b>BKTL-Mounting</b> |                    | Occupancy Sensor        |
|                |            |                  |                   | <b>BL-Bubble</b>  |                  | Bracket              |                    | <b>WBD-Waterproof</b>   |
|                |            |                  |                   | <b>Lens</b>       |                  |                      |                    | Bi-Level Dimming        |
|                |            |                  |                   |                   |                  |                      |                    | <b>PC-Photo Control</b> |
|                |            |                  |                   |                   |                  |                      |                    | <b>BAT-Battery</b>      |
|                |            |                  |                   |                   |                  |                      |                    | Backup(30W-80W)         |
|                |            |                  |                   |                   |                  |                      |                    | <b>HT-High</b>          |
|                |            |                  |                   |                   |                  |                      |                    | Temperature             |

Sample Part Number: **VT4S-80-5K-U-CL-WH-BKTS-IN-N**

\* Must consult factory on runtime required

\*\* Must consult factory for settings

**BFC\*** - Black Flexible Cord - Variable lengths options

**WFC\*** - White Flexible Cord - Variable lengths options

