

# SPECIFICATION SHEET

## SUBJECT

## VAPOUR TIGHT SERIES - VTB2N

## CUSTOMER PROJECT

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Cat. No.: \_\_\_\_\_  
 Qty: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 EEL Rep: \_\_\_\_\_



Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

## DESCRIPTION

The VT B2N series follows the success of our previous vapour tight lines. Every model in this newest generation boasts an efficacy of 150lm/W and is suitable for 120-347V applications.

NEMA 4X and NEMA 6 standards are achieved through superior gasketing and clips paired with our one-piece 5VA PC housing. The VT B2N still features an indestructible PC lens with our signature etched design that provides superior light output. A lightweight aluminum board, enhanced heat resistant casing, and tough stainless steel clips are what make the NSF-rated VT B2N series another reliable go-to solution for your NEMA 4X and NEMA 6 vapour tight needs.

## SPECIFICATION FEATURES

### Construction

- Polycarbonate housing
- 304 stainless steel clips
- Housing passes 5VA flame test
- Optimum heat transfer aluminum module board
- 304 stainless steel V-Hooks Included

### Driver and Module Access

- Drivers can be accessed by snapping out the module plate

### Mounting

- Surface Mount
- Suspension Mount

### Finish

- Gray finish

### Shielding

- Frosted etched polycarbonate lens

### Compliance

- Modules and Drivers are UL recognized components
- cULus
- DLC (pending)
- Passes 5VA flame test
- IP66 rated (25W & 120W models)
- IP67 rated (54W models)
- NEMA 4X
- NEMA 6 (54W models)
- NSF

### Warranty

- 5-Year Warranty (Standard)
- 10-Year Limited Warranty (Optional)



LED  
VAPOUR TIGHT  
LUMINAIRE  
VTB2

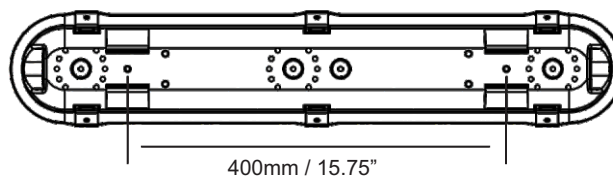
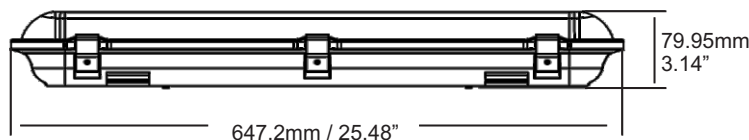
## VAPOUR TIGHT SERIES

### VTB2N

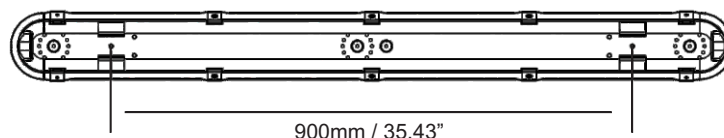
|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| Wattage(s)                 | 25W, 54W, 120W                                                |
| Voltage                    | 120-347V                                                      |
| Dimmable                   | 0-10V                                                         |
| CCT                        | 4000K, 5000K                                                  |
| CRI                        | ≥80                                                           |
| Efficacy                   | Up to 150lm/W                                                 |
| Lumen Maintenance          | L70>144,000hrs<br>Lumen maintenance at<br>36,000 hrs = 91.87% |
| Operating Temperature      | -40°C to 40°C                                                 |
| PF                         | >0.9                                                          |
| THD                        | <20%                                                          |
| Beam Angle                 | 120°                                                          |
| Inherent Surge Protection  | 2.5kV                                                         |
| Max Dimming Source Current | 0.7mA<br>1.4mA (8ft)                                          |



www.eelighting.ca



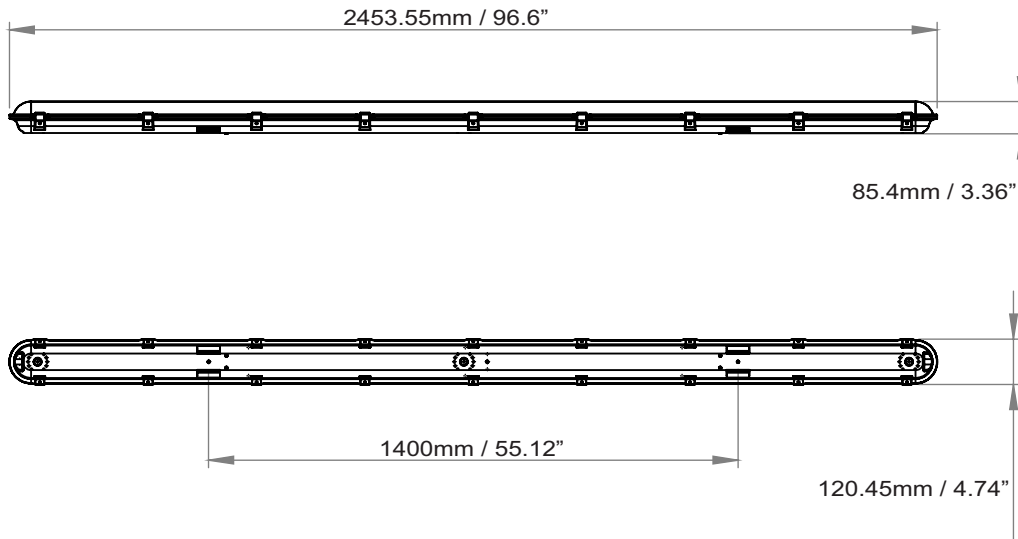
VTB2N 2FT  
Dimensions  
mm | 647.2(L) x 120.45(W) x 79.75(D)  
inch | 25.48(L) x 4.75(W) x 3.14(D)



VTB2N 4FT  
Dimensions  
mm | 1247.2(L) x 120.45(W) x 79.75(D)  
inch | 49.1(L) x 4.75(W) x 3.14(D)

...continued

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**VTB2N 8FT**  
**Dimensions**  
 mm | 2453.55(L) x 120.45(W) x 85.4(D)  
 inch | 96.6(L) x 4.74(W) x 3.36(D)

## ORDERING CODE, ENERGY AND PERFORMANCE DATA

| Model No.                                                                                                                             | Delivered Lumens (lm) | Input Watts (W) | Voltage (V) | Colour Temp. (K) | Efficacy (lm/W) | Certification                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|-------------|------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>VTB2N-2-147D</b><br>(25W40K-120347V-010V-E150)  | 3212                  | 22              | 120-347     | 4000K            | 146             |    <br>(Pending) |
|  <b>VTB2N-2-157D</b><br>(25W50K-120347V-010V-E150)  | 3300                  | 22              | 120-347     | 5000K            | 150             |    <br>(Pending) |
|  <b>VTB2N-4-347D</b><br>(54W40K-120347V-010V-E150)  | 7884                  | 54              | 120-347     | 4000K            | 146             |    <br>(Pending) |
|  <b>VTB2N-4-357D</b><br>(54W50K-120347V-010V-E150)  | 8100                  | 54              | 120-347     | 5000K            | 150             |    <br>(Pending) |
|  <b>VTB2N-8-657D</b><br>(120W50K-120347V-010V-E150) | 16200                 | 108             | 120-347     | 5000K            | 150             |    <br>(Pending) |

### NOTE:

- Lumens are estimated
- DLC qualified may not apply to all versions within a model. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### EMERGENCY BACK-UP (OPTIONAL)

EMP-U1045 | LED Emergency Battery Pack 120-347V (54W & 120W)

### CONTROLS (OPTIONAL)

SMI1030INT | Microwave Sensor 120-277V, 0-10V Dimmable

SMI2034INT | Microwave Sensor 100-347V, 0-10V Dimmable



Please allow for tolerance on specifications and dimensions.  
 If required, please consult EEL.

[www.eelighting.ca](http://www.eelighting.ca)

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