

**SPECIFICATION SHEET**

**SUBJECT**

**VAPOUR TIGHT SERIES - VTB2**

**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 B2 series follows the success of our previous vapour tight lines. Every model in this newest generation boasts an efficacy of max.160lm/W and is suitable for 120-347V applications.

The VT B2 series still features an impact-resistant 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 makes this IP65, NSF, and wet-location rated VT B2 series another reliable go-to solution for your 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

**Shielding**

- Frosted etched polycarbonate lens
- Opal lens is optional
- By using the frosted etched lens, the fixture will be 6% brighter than opal lens

**Driver and Module Access**

- Drivers can be accessed by snapping out the module plate

**Compliance**

- cULus
- DLC Premium and Standard
- Passes 5VA flame test
- NSF
- IK08

**Mounting**

- Surface Mount
- Suspension Mount

**Warranty**

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

**Finish**

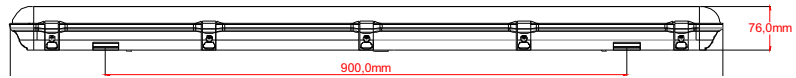
- Gray finish



**LED  
VAPOUR TIGHT  
LUMINAIRE  
VTB2**

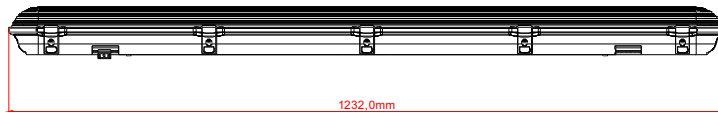
**VAPOUR TIGHT SERIES**

VTB2	
Wattage(s)	40W, 54W, 70W
Voltage	120-347V
Dimmable	0-10V
CCT	3500K, 4000K, 5000K
CRI	≥80
Efficacy	Up to 160lm/W
Lumen Maintenance	Theoretical L70 = 144,000hrs Lumen maintenance at 36,000hrs = 91.87%
Operating Temperature	-40°C to 40°C -20°C to 40°C (70W)
PF	>0.9
THD	<20%
Beam Angle	120°
Inherent Surge Protections	2.5kV
Max Dimming Source Current	0.7mA



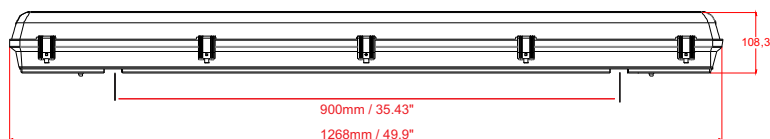
900mm / 35.43"  
1232mm / 48.5"

**VTB2-4-237D/VTB2-4-247D/VTB2-4-257D**  
**Dimensions**  
 mm | 1232(L) x 85(W) x 76(D)  
 inch | 48.5(L) x 3.4(W) x 3(D)






































900mm / 35.43"  
1232mm / 48.5"

**VTB2-4-347D/VTB2-4-357D**  
**Dimensions**  
 mm | 1232(L) x 103(W) x 88(D)  
 inch | 48.5(L) x 4.1(W) x 3.5(D)



**VTB2-4-547D/VTB2-4-557D**  
**Dimensions**  
 mm | 1268(L) x 167(W) x 108(D)  
 inch | 49.9(L) x 6.6(W) x 4.3(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>VTB2-4-237D</b> 40W35K-120347V-010V-E150 VT40LED04-120M/347(P)B2(3.5K)	5367	38	120-347	3500K	142	   
 <b>VTB2-4-247D</b> 40W40K-120347V-010V-E150 VT40LED04-120M/347(P)B2(4K)	5518	38	120-347	4000K	146	   
 <b>VTB2-4-257D</b> 40W50K-120347V-010V-E150 VT40LED04-120M/347(P)B2(5K)	6064	38	120-347	5000K	160	   
 <b>VTB2-4-347D</b> 54W40K-120347V-010V-E150 VT54LED04-120M/347(P)B2(4K)	8169	56	120-347	4000K	146	   
 <b>VTB2-4-357D</b> 54W50K-120347V-010V-E150 VT54LED04-120M/347(P)B2(5K)	8911	56	120-347	5000K	160	   
 <b>VTB2-4-547D</b> 70W40K-120347V-010V-E150 VT80LED08-120M/347(P)B2(4K)	10288	71	120-347	4000K	146	   
 <b>VTB2-4-557D</b> 70W50K-120347V-010V-E150 VT80LED08-120M/347(P)B2(5K)	11307	71	120-347	5000K	160	   

**NOTE:**

- Lumens are estimated
- Lumens may vary based on lens option
- 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.

**OPTIONAL ACCESSORIES**

- VT40-BOL | Opal PC lens for 40W
- VT54-BOL | Opal PC lens for 54W
- VT80-BOL | Opal PC lens for 70W

**EMERGENCY BACK-UP (OPTIONAL)**

- EMP-U1045 | LED Emergency Battery Pack 120-347V
- EMP-U2045 | LED Emergency Battery Pack 120-347V (70W Only)

**CONTROLS (OPTIONAL)**

- SMI1030INT | Microwave Sensor 120-277V, 0-10V Dimmable
- SMI2034INT | Microwave Sensor 100-347V, 0-10V Dimmable
- RC1020 | Remote Control for SMI1030INT and SMI2034INT

## DLC PRODUCT ID TABLE

Model No.	DLC Premium Product ID <i>Primary Use: Stairwell and Passageway Luminaires</i>	DLC Premium Product Id <i>Primary Use: High-Bay Luminaires for Commercial and Industrial Buildings</i>	DLC Standard Product ID <i>Primary Use: Direct Linear Ambient Luminaires</i>
VTB2-4-237D	S-DL0MVH	N/A	PT948PZQ
VTB2-4-247D	S-XRDE9C	N/A	PT15VCWY
VTB2-4-257D	S-HIK1C	N/A	P1Z8WBCX
VTB2-4-347D	S-B4WS2G	N/A	P5FSP48Q
VTB2-4-357D	S-S9WNHZ	N/A	PHREWEVK
VTB2-4-547D	S-EZWVBK	S-749N6P	PAZLVRDB
VTB2-4-557D	S-BSP6YK	S-8S6PV3	P13HXPLJ