

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 145-160lm/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 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 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 Premium and Standard
- Passes 5VA flame test
- IP66 rated (25W & 120W models)
- IP67 rated (54W models)
- NEMA 4X
- NEMA 6 (54W models)
- NSF
- IK08

Warranty

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

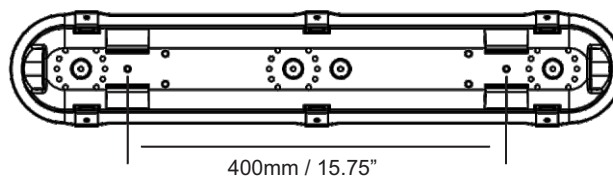
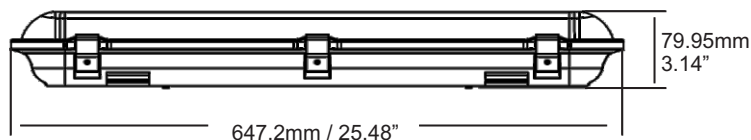


LED
VAPOUR TIGHT
LUMINAIRE
VTB2N

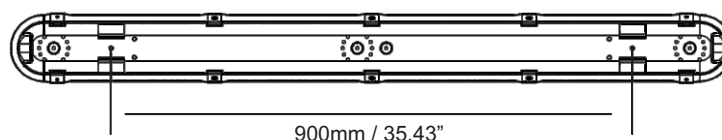
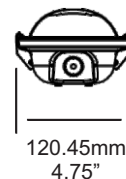
VAPOUR TIGHT SERIES

VTB2N

Wattage(s)	25W, 54W, 120W
Voltage	120-347V
Dimmable	0-10V
CCT	4000K, 5000K
CRI	≥80
Efficacy	Up to 160lm/W
Lumen Maintenance	Theoretical L70>144,000hrs Lumen maintenance at 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 1.4mA (8ft)



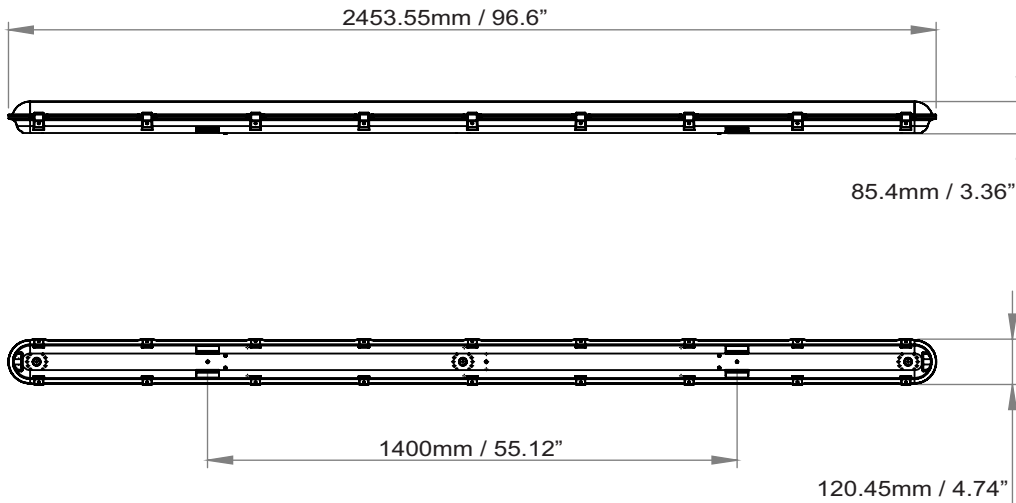
VTB2N 2FT
Dimensions
mm | 647.2(L) x 120.45(W) x 79.75(D)
inch | 25.48(L) x 4.75(W) x 3.14(D)



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
 VTB2N-2-147D 25W40K-120347V-010V-E150 VT30LED02-120M/347(P)B2N(4K)	3280	23	120-347	4000K	146	    
 VTB2N-2-157D 25W50K-120347V-010V-E150 VT30LED02-120M/347(P)B2N(5K)	3604	23	120-347	5000K	160	    
 VTB2N-4-347D 54W40K-120347V-010V-E150 VT54LED04-120M/347(P)B2N(4K)	8169	56	120-347	4000K	146	     
 VTB2N-4-357D 54W50K-120347V-010V-E150 VT54LED04-120M/347(P)B2N(5K)	8911	56	120-347	5000K	160	     
 VTB2N-8-647D 120W40K-120347V-010V-E150 VT8N-120LED40K-120M/347B2N	15900	109	120-347	4000K	146	    
 VTB2N-8-657D 120W50K-120347V-010V-E150 VT8N-120LED50K-120M/347B2N	17475	109	120-347	5000K	160	    

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 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

RC1020 | Remote Control for SMI1030INT and SMI2034INT

DLC PRODUCT ID TABLE

Model No.	DLC Premium Product ID <i>Primary Use:</i> <i>Stairwell and Passageway</i> <i>Luminaires</i>	DLC Premium Product ID <i>Primary Use:</i> <i>High-Bay Luminaires for Commercial</i> <i>and Industrial Buildings</i>	DLC Standard Product ID <i>Primary Use:</i> <i>Direct Linear Ambient Luminaires</i>
VTB2N-2-147D	S-3Y4K21	N/A	PBHZWOF8
VTB2N-2-157D	S-DCQZXH	N/A	PBWGPSQ1
VTB2N-4-347D	S-B4WSZG	N/A	P5FSP48Q
VTB2N-4-357D	S-59WNHZ	N/A	PHREWEVK
VTB2N-8-647D	S-HIVDMJ	S-IO6YBZ	P30Y4FB
VTB2N-8-657D	S-QDEMSJ	S-432NVR	PUEDDP0A