

# Day-Brite

## CFI

by Signify

### Industrial

#### Vaporlume V2

4' sealed industrial,  
T5, T5HO, T8, or T12



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Day-Brite / CFI Vaporlume sealed industrial V2 is a wet location listed luminaire with a fiberglass reinforced polyester housing, high impact DR acrylic lens and stainless steel cam action latches.

#### Ordering guide

Example: V2WAE232-UNV-1/2-EBLHE

Family	Application	Lens	Hubs Installed	No. of Lamps Per Cross Section	Lamp Type	Voltage	Options
	<b>W</b>				—	—	
V2 V2H	Vaporlume Vaporlume High Ambient (130°F) (1 or 2 lp 28W or 32W only)	<b>A DR Acrylic</b> <b>P Polycarbonate</b>	<b>E</b> Ends only <b>T</b> Top only <b>B</b> Both ends and top	(not included) <b>1</b> <b>2</b> <b>3</b> (28WT5/32WT8 only)	<b>28</b> 28WT5 (46") <b>32</b> 32WT8 (48") <b>48</b> 38WT12 Slimline (48") <b>44HO</b> 44WT8 380mA (48") <b>48HO</b> 60WT12 800mA (48") <b>54HO</b> 54WT5HO (46")	<b>UNV</b> Universal voltage 120/277V <b>120</b> 120V <b>277</b> 277V <b>347</b> 347V	<b>1/1</b> One 1-lamp ballast <b>1/2</b> One 2-lamp ballast <b>1/3</b> One 3-lamp ballast <b>1/21</b> 2-lamp & 1-lamp ballasts <b>EB</b> Electronic ballast, <10% THD <b>EB10R</b> T8 electronic ballast, program rapid start, <10% THD <b>EBHE</b> T8 electronic ballast, high efficiency, std. ballast factor <b>EBLHE</b> T8 electronic ballast, high efficiency, low ballast factor <b>EBHHE</b> T8 electronic ballast, high efficiency, high ballast factor <b>EBSD</b> T8 electronic step dimming ballast, .88 ballast factor <b>EBD7</b> Advance Mark 7 dimming ballast, 0-10V (low voltage) control <b>EBDX</b> Advance Mark 10 dimming ballast, phase control <b>EBD</b> Electronic dimming ballast, customer specified <b>LT20</b> ~20°F start option (T8, use in conjunction with ballast option) <b>E1</b> B100 emerg. ballast, T8, 350-450 lumens, 120/277V <b>E7</b> B60 emerg. ballast, T8/T12, 600-700 lumens, 120/277V <b>E5</b> B50 emerg. ballast, U.S. or Canada market, T8/T12, 1100-1400 lumens, UNV <b>E5ST</b> B50ST emerg. ballast w/self test, U.S. or Canada market, T8/T12, 1100-1400 lumens, UNV <b>E7LP</b> LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V <b>E6LP</b> LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V <b>GLR</b> Fusing, fast blow <b>MD360W</b> Wet location occupancy sensor, external <b>TR</b> Torx T-15 tamper resistant stainless steel latches (TPDTH tamper proof driver required)

#### Accessories (order separately)

- **TBK** Stainless Steel Top Bracket Kit (pair of brackets plus mounting hardware)
- **EBK** Stainless Steel End Bracket Kit (pair of brackets plus mounting hardware)
- **WBK** Stainless Steel Wraparound Kit (pair of brackets plus mounting hardware)
- **FKR-126** Chain hanger set (requires TBK)
- **TPDTH** Tamper proof driver, Torx T-15 head pin drive and handle (required with TR option)

See section 1600-OA for options info. and sheet 1455-IF for mounting hardware.



# V2 Vaporlume sealed industrial

4', T5, T5HO, T8, or T12

## Application

- Acceptable for outdoor as well as indoor installations.
- Wet Location—Areas of high humidity, water vapor, rain, incidental water spray, or other non-corrosive or non-flammable liquid.
- IP65 rating standard. IP67 configuration available.
- **Mounting brackets available, order separately.**
- High ambient models (1/2 lamp 28wT5/32wT8 only) rated for use in 130°F ambient. Standard models carry the standard UL indoor rating of 25°C (77°F) ambient.

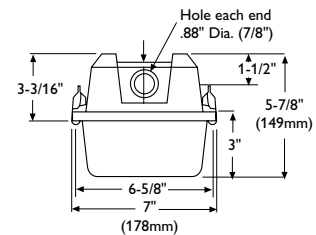
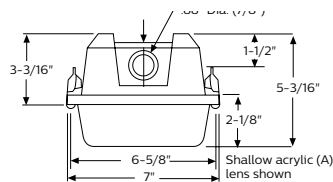
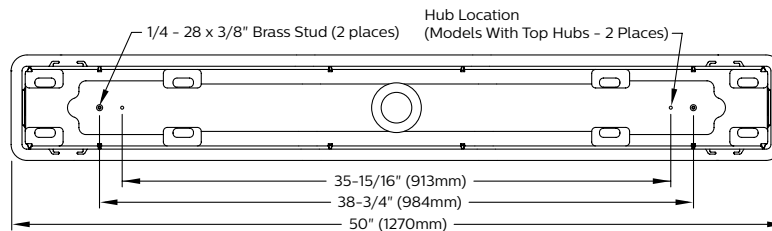
## Construction/Finish

- Non-conductive, non-corrosive housing.
- Smooth exterior surface for easy cleaning.
- White molded fiberglass reinforced polyester body.
- High impact DR acrylic molded lens.
- Continuous closed cell, foam in-place gasket.
- Stainless steel cam action latches.
- Lighting channel painted after fabrication with polyester powder coating.
- Two gasketed threaded (1/2" trade size) wet location hubs installed on ends as standard, also available on top of housing.

## Electrical

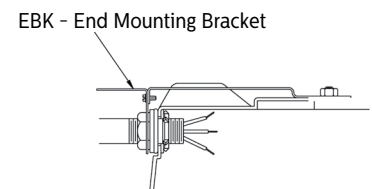
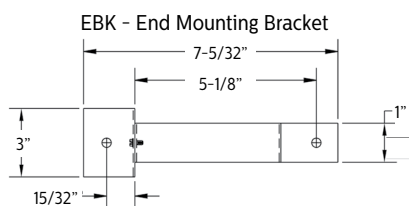
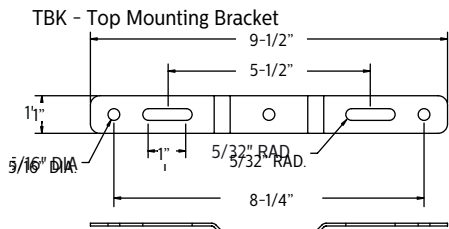
- Electronic ballasts standard on high output (44HO and 48HO) models, please include EB ballast designator in catalog number. Magnetic HO ballasts are more expensive than electronic and are suitable for cold ambient applications only.
- cULus listed for wet locations. Also suitable for damp locations.
- Self-contained fluorescent emergency ballasts available.
- Day-Brite's standard luminaires for high output T8 (380mA) or T12 (800mA) include ballasts rated for -20°F starting temperature where available.

## Dimensions

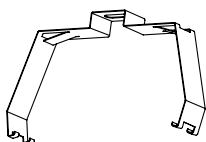


DEEP LENS VERSION FOR HIGH AMBIENT, OR WHEN 800mA LAMPS ARE OPERATED ON MAGNETIC BALLASTS.

## Mounting Brackets



WBK - Wraparound Mounting Bracket



# V2 Vaporlume sealed industrial

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## Photometry

### V2 4' 2 Lamp F32T8

Efficiency – 85.1%

LER – F-79

TER – 45

		Candlepower				Light Distribution				Average Luminance																																																																																																																																
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross																																																																																																																													
<b>Catalog No.</b>	V2WAE232-120-1/2-EB	<b>0</b>	1109	1109	1109	<b>0-30</b>	905	15.9	18.7	<b>45</b>	5162	5457	5986																																																																																																																													
<b>Test No.</b>	20017	<b>5</b>	1102	1105	1104	<b>0-40</b>	1532	26.9	31.6	<b>55</b>	4608	5337	6090																																																																																																																													
<b>S/MH</b>	1.5	<b>15</b>	1066	1096	1116	<b>0-60</b>	2923	51.3	60.3	<b>65</b>	3872	5287	6339																																																																																																																													
<b>Lamp Type</b>	F32T8	<b>25</b>	988	1063	1117	<b>0-90</b>	4438	77.9	91.5	<b>75</b>	3090	5685	6743																																																																																																																													
<b>Lumens/Lamp</b>	2850	<b>35</b>	871	1007	1110	<b>0-180</b>	4850	85.1	100.0	<b>85</b>	2194	5573	6459																																																																																																																													
<b>Ballast Factor</b>	0.88	<b>45</b>	717	921	1065	<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>																																																																																																																																				
<b>Input Watts</b>	54	<b>55</b>	528	796	973																																																																																																																																					
Comparative yearly lighting energy cost per 1000 lumens – <b>\$3.04</b> based on 3000 hrs. and \$.08 pwr KWH.  The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		<b>65</b>	336	661	867	<table border="1"> <thead> <tr> <th rowspan="2">pcc</th> <th colspan="3">80</th> <th colspan="3">70</th> <th colspan="2">50</th> </tr> <tr> <th>70</th> <th>50</th> <th>30</th> <th>70</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> </thead> <tbody> <tr> <td>RCR</td> <td colspan="8"></td> </tr> <tr> <td>0</td> <td>100</td> <td>100</td> <td>100</td> <td>95</td> <td>95</td> <td>95</td> <td>91</td> <td>91</td> </tr> <tr> <td>1</td> <td>88</td> <td>82</td> <td>78</td> <td>84</td> <td>80</td> <td>76</td> <td>75</td> <td>71</td> </tr> <tr> <td>2</td> <td>79</td> <td>70</td> <td>64</td> <td>76</td> <td>68</td> <td>61</td> <td>64</td> <td>58</td> </tr> <tr> <td>3</td> <td>70</td> <td>60</td> <td>53</td> <td>68</td> <td>58</td> <td>52</td> <td>56</td> <td>48</td> </tr> <tr> <td>4</td> <td>65</td> <td>54</td> <td>45</td> <td>61</td> <td>52</td> <td>44</td> <td>48</td> <td>41</td> </tr> <tr> <td>5</td> <td>58</td> <td>47</td> <td>39</td> <td>56</td> <td>46</td> <td>38</td> <td>42</td> <td>36</td> </tr> <tr> <td>6</td> <td>55</td> <td>42</td> <td>34</td> <td>53</td> <td>40</td> <td>34</td> <td>39</td> <td>32</td> </tr> <tr> <td>7</td> <td>51</td> <td>38</td> <td>29</td> <td>48</td> <td>36</td> <td>29</td> <td>34</td> <td>28</td> </tr> <tr> <td>8</td> <td>46</td> <td>34</td> <td>27</td> <td>45</td> <td>34</td> <td>27</td> <td>32</td> <td>26</td> </tr> <tr> <td>9</td> <td>44</td> <td>32</td> <td>25</td> <td>41</td> <td>30</td> <td>23</td> <td>28</td> <td>23</td> </tr> <tr> <td>10</td> <td>40</td> <td>28</td> <td>22</td> <td>40</td> <td>28</td> <td>22</td> <td>27</td> <td>20</td> </tr> </tbody> </table>								pcc	80			70			50		70	50	30	70	50	30	50	30	RCR									0	100	100	100	95	95	95	91	91	1	88	82	78	84	80	76	75	71	2	79	70	64	76	68	61	64	58	3	70	60	53	68	58	52	56	48	4	65	54	45	61	52	44	48	41	5	58	47	39	56	46	38	42	36	6	55	42	34	53	40	34	39	32	7	51	38	29	48	36	29	34	28	8	46	34	27	45	34	27	32	26	9	44	32	25	41	30	23	28	23	10	40	28	22	40	28	22	27	20
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Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

