

# Day-Brite

## CFI

by  Signify

### Industrial

Vaporlume DW

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



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

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

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

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

Day-Brite / CFI Vaporlume sealed industrial DW is a wet location listed luminaire with a non-metal exterior, housing and lens assembly.

#### Ordering guide

Example: DWAE232-UNV-1/2-EBLHE

Family	Application	Lens	Hubs Installed	No. of Lamps Per Cross Section	Lamp Type	Voltage	Options
<b>D</b>	<b>W</b>	<b>A</b>	<b>E</b>		—	—	
D Sealed industrial	W Wet Location	A DR Acrylic	E Ends only	(not included) 1 2	<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>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 (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>ES5T</b> B50ST emerg. ballast w/self test, U.S. or Canada market, T8, 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
<p><b>Accessories (order separately)</b></p> <ul style="list-style-type: none"> <li>• <b>TBK</b> Stainless Steel Top Bracket Kit (pair of brackets plus mounting hardware)</li> <li>• <b>EBK</b> Stainless Steel End Bracket Kit (pair of brackets plus mounting hardware)</li> <li>• <b>WBK</b> Stainless Steel Wraparound Kit (pair of brackets plus mounting hardware)</li> <li>• <b>FKR-126</b> Chain hanger set (requires TBK)</li> </ul> <p>See section 1600-OA for options info. and sheet 1455-IF for mounting hardware.</p>							



# DW Vaporlume sealed industrial

4', T5, T5HO, T8, or T12

## Application

- Acceptable for outdoor as well as indoor installations.
- Can be surface (wall/ceiling) or suspended mounted unless otherwise specified.
- Wet Location—Areas of high humidity, water vapor, rain, incidental water spray, or other non-corrosive or non-flammable liquid.
- Mounting brackets available, order separately.
- IP65 rating standard. IP67 configuration available.
- NSF Certified for non food zone installations.

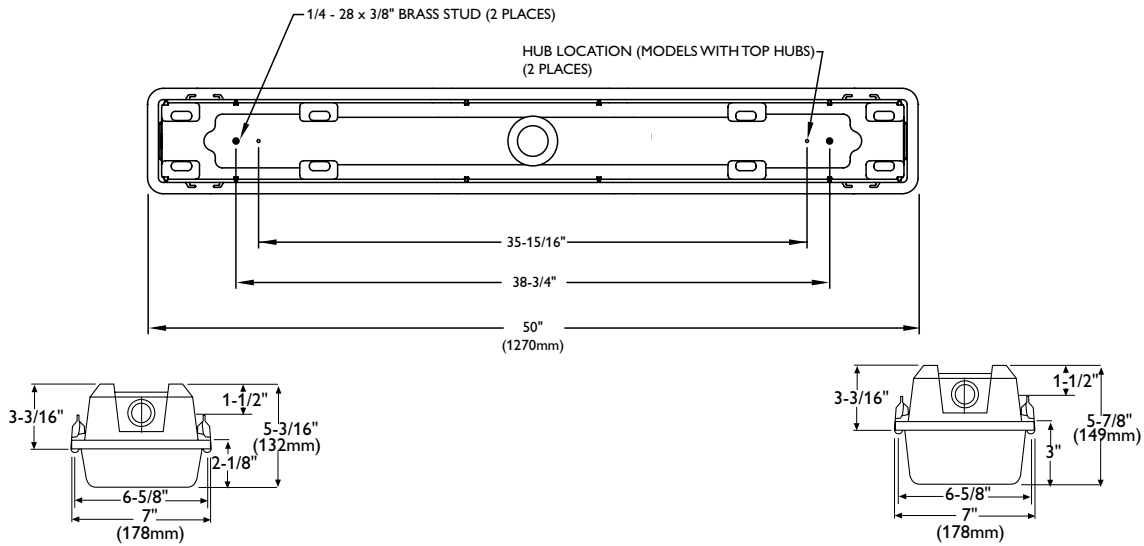
## Construction/Finish

- 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.
- ABS cam action latches.
- Lighting channel has high reflectance baked white enamel finish.
- Two gasketed threaded (1/2" trade size) wet location hubs installed.

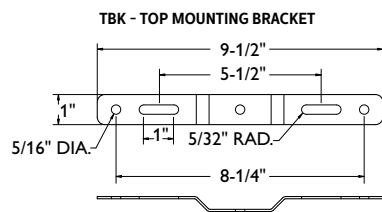
## Electrical

- Electronic ballasts are 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.
- Day-Brite's standard fixtures for high output T8 (380mA) and T12 (800mA) include ballasts rated for -20° F starting temperature where available.
- cULus listed for wet locations. Also suitable for damp locations.
- Self-contained fluorescent emergency ballasts available.

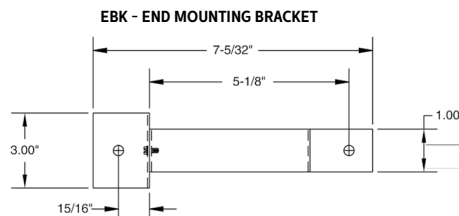
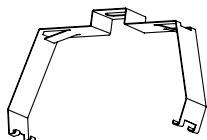
## Dimensions



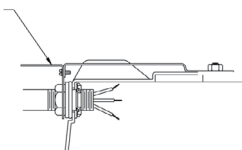
## Mounting Brackets



WBK - WRAPAROUND MOUNTING BRACKET



EBK - END MOUNTING BRACKET



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## Photometry

### DW 4' 2 Lamp F32T8

Efficiency – 85.1%

LER – 79

TER – 45

		Candlepower				Light Distribution				Average Luminance																																																																																																																															
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross																																																																																																																												
<b>Catalog No.</b>	DWAE232-120-1/2-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>	20017D1	<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> <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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<b>Input Watts</b>	54	<b>55</b>	528	796	973																																																																																																																																				
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		<b>85</b>	53	369	511																																																																																																																																				
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		<b>165</b>	5	5	7																																																																																																																																				
		<b>175</b>	6	7	8																																																																																																																																				

Comparative yearly lighting energy cost per 1000 lumens – **\$3.04** 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.



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)

