

Day-Brite

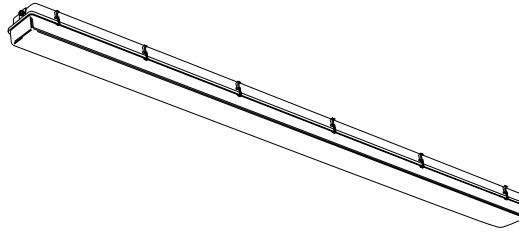
CFI

by  Signify

Industrial

Vaporlume V2

8' 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: TV2WAE232-UNV-1/2-EBLHE

| Family | Application | Lens | Hubs Installed | No. of Lamps Per Cross Section | Lamp Type | Voltage | Options |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | W | | | | — | — | |
| V2 TV2 TV2H | Vaporlume Tandem Vaporlume Tandem High Ambient (130° F) (1 or 2 lp F28T5 or F32T8 only) | W Wet Location A DR Acrylic P Polycarbonate | E Ends only T Top only B Both ends and top | (not included) 1 2 3 (28WT5/32WT8 only) | 28 28WT5 (46") TD only 32 32WT8 (48") TD only 54HO 54WT5HO (46") TD only 59 59WT8 (96") 96 75WT12 Slimline (96") 86HO 86WT8 380mA (96") 96HO 110WT12 800mA (96") | UNV Universal voltage 120/277V 120 120V 277 277V 347 347V | 1/1 One 1-lamp ballast 1/2 One 2-lamp ballast 1/3 One 3-lamp ballast 1/21 2-lamp & 1-lamp ballasts 1/4 One 4-lamp ballast 2/2 Two 2-lamp ballasts 1/42 4-lamp & 2-lamp ballasts EB Electronic ballast, <10% THD, std. ballast factor EB10R T8 electronic ballast, program rapid start, <10% THD EBHE T8 electronic ballast, high efficiency, std. ballast factor EBLHE T8 electronic ballast, high efficiency, low ballast factor EBHHE T8 electronic ballast, high efficiency, high ballast factor EBSD T8 electronic step dimming ballast, .88 ballast factor EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBDX Advance Mark 10 dimming ballast, phase control EBD Electronic dimming ballast, customer specified LT20 -20° F start option (use in conjunction with ballast option) E1 B100 emerg. ballast, T8, 350-450 lumens, 120/277V E7 B60 emerg. ballast, T8/T12, 600-700 lumens, 120/277V E5 B50 emerg. ballast, U.S. or Canada market, T8/T12, 1100-1400 lumens, UNV ES5T B50ST emerg. ballast w/self test, U.S. or Canada market, T8/T12, 1100-1400 lumens, UNV E7LP LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V E6LP LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V GLR Fusing, fast blow MD360W Wet location occupancy sensor, external TR 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

8', 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.

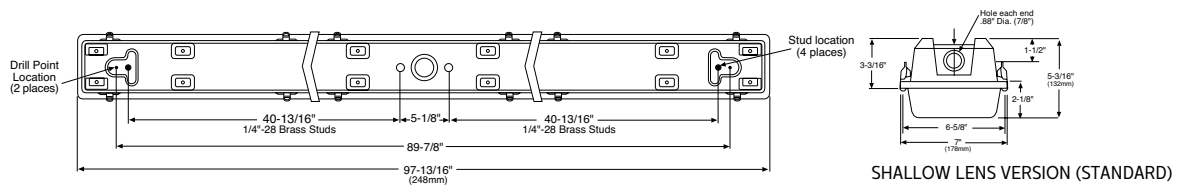
Construction/Finish

- 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.

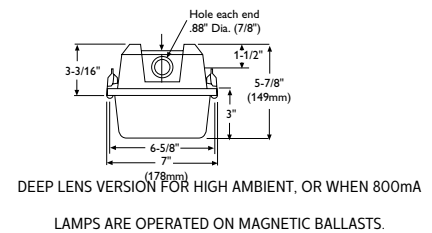
Electrical

- Electronic ballasts are standard on high output (86HO, 96HO) 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.
- Standard luminaires for high output T8 (380mA) and T12 (800mA) include ballasts rated for -20°F starting temperature where available.

Dimensions

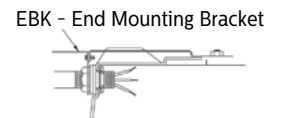
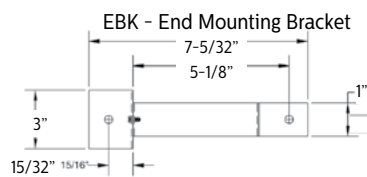
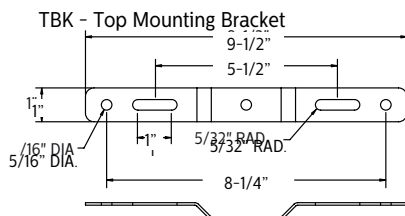


SHALLOW LENS VERSION (STANDARD)

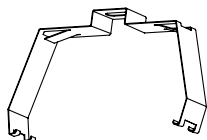


DEEP LENS VERSION FOR HIGH AMBIENT, OR WHEN 800mA LAMPS ARE OPERATED ON MAGNETIC BALLASTS.

Mounting Brackets



WBK - Wraparound Mounting Bracket



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Photometry

V2 8' 2 Lamp F96T8

Efficiency – 76.6%

LER – F-74

TER – 43

| | | Candlepower | | | | Light Distribution | | | | Average Luminance | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------|------|------|-------|--------------------|--------|--------|-------------|-------------------|------|------|-------|
| | | Angle | End | 45 | Cross | Degrees | Lumens | % Lamp | % Luminaire | Angle | End | 45' | Cross |
| Catalog No. | V2WAE259-120-1/2-EB | 0 | 2033 | 2033 | 2033 | 0-30 | 1684 | 14.5 | 19.0 | 45 | 5585 | 5601 | 5807 |
| Test No. | LSC7929 | 5 | 2054 | 2045 | 2017 | 0-40 | 2854 | 24.6 | 32.1 | 55 | 4986 | 5390 | 5612 |
| S/MH | 1.5 | 15 | 1977 | 2055 | 2075 | 0-60 | 5402 | 46.6 | 60.8 | 65 | 4182 | 5133 | 5785 |
| Lamp Type | F96T8 | 25 | 1839 | 1992 | 2077 | 0-90 | 8066 | 69.5 | 90.8 | 75 | 3574 | 5361 | 6028 |
| Lumens/Lamp | 5800 | 35 | 1629 | 1895 | 2033 | 90-180 | 815 | 7.0 | 9.2 | 85 | 3122 | 5067 | 5506 |
| Ballast Factor | 0.85 | 45 | 1362 | 1715 | 1911 | 0-180 | 8881 | 76.6 | 100.0 | | | | |
| Input Watts | 102 | 55 | 995 | 1465 | 1674 | | | | | | | | |
| | | 65 | 624 | 1176 | 1495 | | | | | | | | |
| | | 75 | 337 | 962 | 1270 | | | | | | | | |
| | | 85 | 114 | 630 | 862 | | | | | | | | |
| | | 95 | 54 | 406 | 620 | | | | | | | | |
| | | 105 | 30 | 231 | 402 | | | | | | | | |
| | | 115 | 24 | 114 | 171 | | | | | | | | |
| | | 125 | 19 | 52 | 40 | | | | | | | | |
| | | 135 | 18 | 32 | 22 | | | | | | | | |
| | | 145 | 7 | 18 | 3 | | | | | | | | |
| | | 155 | 11 | 25 | 0 | | | | | | | | |
| | | 165 | 26 | 8 | 2 | | | | | | | | |
| | | 175 | 25 | 20 | 4 | | | | | | | | |
| Comparative yearly lighting energy cost per 1000 lumens – \$3.24 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. | | | | | | | | | | | | | |

V2 8' 2 Lamp F86T8HO

Efficiency – 72.6%

LER – F-70

TER – 40

| | | Candlepower | | | | Light Distribution | | | | Average Luminance | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|------|------|-------|--------------------|--------|--------|-------------|-------------------|------|------|-------|
| | | Angle | End | 45 | Cross | Degrees | Lumens | % Lamp | % Luminaire | Angle | End | 45' | Cross |
| Catalog No. | V2WAE286HO-120-1/2-EB | 0 | 2671 | 2671 | 2671 | 0-30 | 2208 | 13.8 | 19.0 | 45 | 7143 | 7282 | 7317 |
| Test No. | LSC7930 | 5 | 2683 | 2681 | 2660 | 0-40 | 3732 | 23.3 | 32.1 | 55 | 6394 | 6903 | 7117 |
| S/MH | 1.5 | 15 | 2606 | 2682 | 2705 | 0-60 | 7009 | 43.8 | 60.3 | 65 | 5342 | 6709 | 7380 |
| Lamp Type | F86T8HO | 25 | 2420 | 2633 | 2724 | 0-90 | 10465 | 65.4 | 90.1 | 75 | 4391 | 6944 | 7627 |
| Lumens/Lamp | 8000 | 35 | 2130 | 2484 | 2627 | 90-180 | 1153 | 7.2 | 9.9 | 85 | 3614 | 6724 | 7109 |
| Ballast Factor | 0.88 | 45 | 1742 | 2230 | 2408 | 0-180 | 11618 | 72.6 | 100.0 | | | | |
| Input Watts | 145 | 55 | 1276 | 1876 | 2123 | | | | | | | | |
| | | 65 | 797 | 1537 | 1907 | | | | | | | | |
| | | 75 | 414 | 1246 | 1607 | | | | | | | | |
| | | 85 | 132 | 836 | 1113 | | | | | | | | |
| | | 95 | 73 | 562 | 806 | | | | | | | | |
| | | 105 | 60 | 338 | 542 | | | | | | | | |
| | | 115 | 44 | 154 | 275 | | | | | | | | |
| | | 125 | 28 | 84 | 78 | | | | | | | | |
| | | 135 | 36 | 20 | 36 | | | | | | | | |
| | | 145 | 28 | 29 | 7 | | | | | | | | |
| | | 155 | 33 | 9 | 1 | | | | | | | | |
| | | 165 | 38 | 31 | 3 | | | | | | | | |
| | | 175 | 30 | 15 | 8 | | | | | | | | |
| Comparative yearly lighting energy cost per 1000 lumens – \$3.43 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

