

# Day-Brite



by Signify

Industrial

Vaporlume BVL

T8 or T5HO



The **Day-Brite/CFI BVL Vaporlume** is a wet and damp location fluorescent industrial product designed for both indoor and outdoor applications. It is both impact resistant and corrosion resistant for areas such as outdoor parking garages, loading docks, and warehouses.

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

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

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

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

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

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

## Ordering guide

Example: BVL232-UNV-1/2EB-GENIS-SS

Family	Lamping (not included)	Lamp type / Wattage	Voltage	Ballast	Latch
<b>BVL</b>	<b>2</b>		<b>UNV</b>		<b>SS</b>
BVL Vaporlume	2 2 lamps	32 32WT8 54 54WT5HO	UNV Universal voltage 120-277V	1/2-EB-GENIS Instant Start T8, <10% THD 1/2-EB-GENRS Program Start T5HO, <10% THD	SS Stainless steel

## Construction / Finish

- Specular aluminum reflector
- Impact resistant clear polycarbonate lens with UV stabilizer
- Non-conductive, non-corrosive housing
- Durable formed silicone gasket
- Impact resistant, clear polycarbonate lens
- Smooth exterior surface for easy cleaning
- T5HO Version- Maximum Ambient Temperature is 40°C

- Can be chain hung with V hooks supplied with unit
- Suitable for surface or suspended mounting
- Stainless steel cam latches (10)
- 7/8" molded hub knock outs on each end
- IP rated compression cord grip provided on one end hub

## Applications

- Acceptable for outdoor as well as indoor installations
- IP65 rated for wet and damp locations

## Labels

- cULus listed



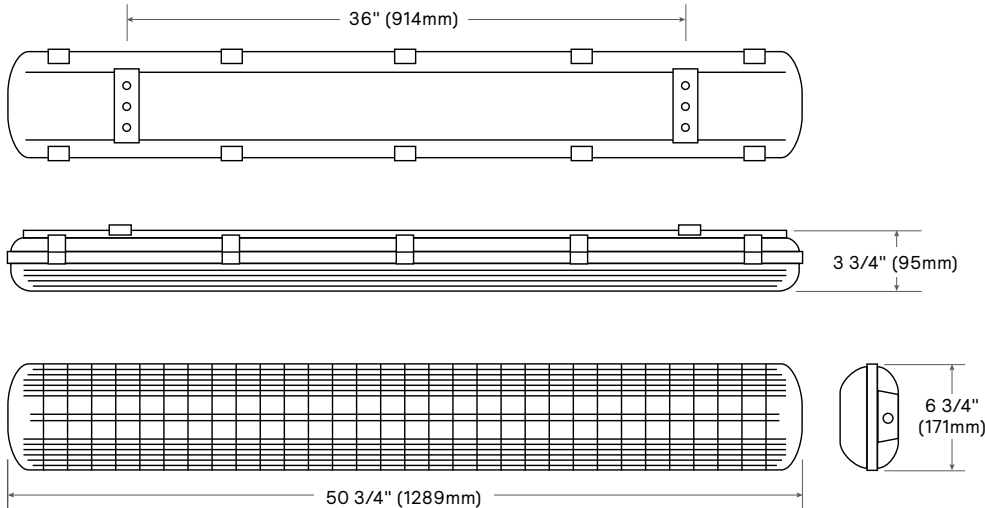
Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).



# BVL Vaporlume

T8 or T5HO

## Dimensions



## Photometry

### Vaporlume 2 lamp T8

Catalog no.	BVL232-UNV
Test no.	LSCD301
S/MH	1.5
Lamp type	32WT8
Lumens/Lamp	2950
Ballast factor	1.0
Input watts	56.4

Comparative yearly lighting energy cost per 1000 lumens - \$3.08 based on 3000 hrs. and \$.08 pwr KWH.

### Candlepower

Vertical Angle	Horizontal Angle			Zonal Lumens
	0	45	90	
0	1126	1126	1126	
5	1129	1131	1135	110
15	1083	1113	1137	316
25	1004	1062	1169	499
35	887	1047	1148	642
45	720	935	1069	704
55	527	774	921	673
65	319	576	752	554
75	133	389	534	381
85	9	203	336	214
95	0	139	283	153
105	0	84	203	99
115	0	34	102	41
125	0	6	46	14
135	0	0	16	5
145	0	0	6	3
155	0	0	0	1
165	0	0	0	0
175	0	0	0	0

Efficiency - 74.7%

LER - 78

TER - 66

### Light Distribution

Degrees	Lumens	%Lamp	%Luminaire
0-30	924	15.67	20.96
0-40	1565	26.54	35.5
0-60	2943	49.89	66.76
0-90	4092	69.39	92.83
90-180	316	5.46	7.17
0-180	4408	74.71	100

### Average Luminance

Angle	End	45'	Cross
45	4764	5277	5770
55	4237	5004	5613
65	3403	4510	5454
75	2203	4014	4964
85	364	3246	4538

### Coefficients of utilization

	80%			70%			50%		
	70	50	30	70	50	30	50	30	
<b>Ceiling</b>									
<b>Wall</b>									
<b>RCR</b>	Zonal cavity method - Effective floor reflectance = 20%								
Room Cavity Ratio	0	88	88	88	85	85	85	80	80
	1	79	76	72	77	73	70	69	67
	2	72	66	60	70	64	59	60	56
	3	65	57	51	63	56	50	53	48
	4	60	51	44	58	49	43	47	41
	5	54	45	38	52	43	37	41	35
	6	50	40	33	48	39	32	37	31
	7	46	35	29	44	35	25	33	27
	8	42	32	25	41	31	25	29	24
	9	39	29	22	37	28	22	26	21
10	36	25	20	35	25	19	24	19	

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

