

Day-Brite

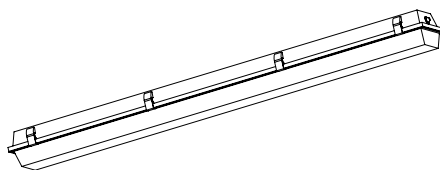
CFI

by  Signify

Industrial

LW low profile vaporlume

T5, T5HO, or T8



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Day-Brite / CFI low profile vaporlume LW is a wet location listed luminaire that incorporates a low profile housing design and high impact lens.

Ordering guide

Example: **LWRE232-UNV-1/2-EBLHE**

Family	Application	Lens	Wire Entry Locations	No. of Lamps Per Cross Section	Lamp Type	Voltage	Options
	W		E		-	-	
L Low Profile Vaporlume TL Tandem Model	W Wet Location	R Lineal Ribbed Polycarbonate A Lineal Ribbed High Impact Acrylic (See chart below for availability by model)	E Ends (standard)	(not included) 1 2 3 (28, 32 lamp types or 4' 54HO only)	14 14wT5 (22") 17 17wT8 (24") 24HO 24wT5HO (22") 28 28wT5 (46") 32 32wT8 (48") 54HO 54wT5HO (46")	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 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 E1 B100 emerg. ballast, T8, 350-450 lumens, 120/277V E7 B60 emerg. ballast, T8, 600-700 lumens, 120/277V E5 B50 emerg. ballast, US or Canada market, T8, 1100-1400 lumens, UNV E5ST* B50ST emerg. ballast w/self test, T8, 1100-1400 lumens, UNV E7LP* LP550 emerg. ballast, T5/T5HO, 430-700 lumens, 120/277V E6LP* LP600 emerg. ballast, US or Canada market, T5/T5HO, 750-1325 lumens, 120/277V GLR Fusing, fast blow LT20 -20°F start option (T8 only, use in conjunction with ballast option)

Product Availability

Size	Family	Lamps/X Section	Lamps/Luminaire	Available Lenses	Lamp Type
2'	LW	1	1	R	14, 17, 24HO
		2	2		
4'	LW	1	1	R	28, 32, 54HO
		2	2	A, R	28, 32, 54HO
		3	3	A, R	28, 32, 54HO
8'	TLW	1	2	A	28, 32, 54HO
		2	4		
		3	6		

* 4' or 8' models only



LW Low profile vaporlume

T5, T5HO, or T8

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.
- Also suitable for damp locations.

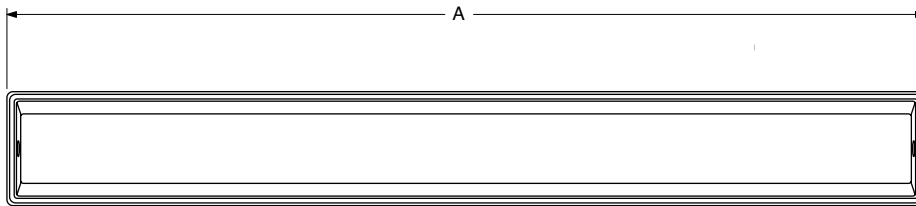
Construction/Finish

- Non-conductive, non-corrosive housing.
- Smooth exterior surface for easy cleaning.
- Molded fiberglass 5V-A housing.
- Lineal ribbed lenses made from acrylic or polycarbonate.
- Continuous poured gasket.
- Polycarbonate cam action latches are standard.
- Ballast is retained by a snap-on gear tray in lieu of channel, reducing weight.
- IP67 standard.
- Two snap-on stainless steel mounting brackets included, can be installed anywhere along housing (except at latches)

Electrical

- cULus listed for wet locations.
- Also suitable for damp locations.
- Self-contained fluorescent emergency ballasts available.

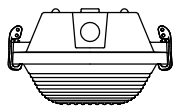
Dimensions



A (OVERALL LENGTH)

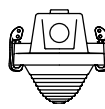
2' models	27-11/16"	(703 mm)
4' models	51-9/16"	(1310 mm)
8' models	100"	(2540 mm)

3 Lamp, 2 lamp, and 2' or 8' 1 lamp



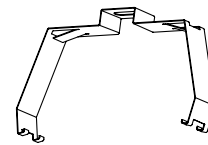
7-1/4"

1 Lamp 4'



4-1/2"

Mounting Bracket (Included)



LW Low profile vaporlume

T5, T5HO, or T8

Photometry

LW 2' 2 Lamp F14T5

Efficiency – 75.6%

LER – 58

TER – 48

		Candlepower				Light Distribution				Average Luminance			
		Angle	End		Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Catalog No.	LWRE214	0	460	45	460	0-30	370.60	15.40	20.40	45	3334	3645	4036
Test No.	29129	5	456	451	461	0-40	626.21	26.10	34.50	55	2852	3542	4254
S/MH	1.5	15	438	448	474	0-60	1184.22	49.30	65.30	65	2306	3663	4289
Lamp Type	F14T5	25	404	433	474	0-90	1735.73	72.30	95.70	75	1416	3329	4539
Lumens/Lamp	1200	35	354	416	458	0-180	1813.31	75.60	100.00	85	658	2503	3452
Ballast Factor	1.0	45	287	371	423								
Input Watts	31	55	205	319	398								
		65	128	277	341								
		75	53	196	286								
		85	12	101	154								
		95	6	39	69								
		105	5	17	30								
		115	2	6	15								
		125	1	2	7								
		135	1	2	3								
		145	4	2	2								
		155	2	3	3								
		165	3	3	3								
		175	3	3	3								

Coefficients of Utilization												
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc	80			70			50					
	pw	70	50	30	70	50	30	50	30			
RCR												
0	89	89	89	87	87	87	82	82				
1	79	75	71	77	73	69	69	66				
2	71	64	58	69	62	57	59	54				
3	64	56	49	62	54	48	51	46				
4	59	49	41	57	47	41	45	39				
5	54	43	36	52	42	35	40	34				
6	49	39	31	48	38	31	36	30				
7	46	35	28	44	34	27	33	27				
8	42	32	25	41	31	25	30	24				
9	40	29	23	38	28	22	27	22				
10	37	27	20	36	26	20	25	20				

Comparative yearly lighting energy cost per 1000 lumens – \$4.14 based on 3000 hrs. and 5.08 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

