

# Day-Brite

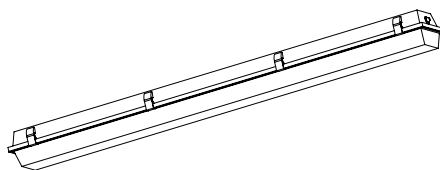
## CFI

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
	<b>W</b>		<b>E</b>		-	-	
<b>L</b> Low Profile Vaporlume <b>TL</b> Tandem Model	<b>W</b> Wet Location	<b>R</b> Lineal Ribbed Polycarbonate <b>A</b> Lineal Ribbed High Impact Acrylic  (See chart below for availability by model)	<b>E</b> Ends (standard)	(not included) <b>1</b> <b>2</b> <b>3</b> (28, 32 lamp types or 4' 54HO only)	<b>14</b> 14wT5 (22") <b>17</b> 17wT8 (24") <b>24HO</b> 24wT5HO (22") <b>28</b> 28wT5 (46") <b>32</b> 32wT8 (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>1/4</b> One 4-lamp ballast <b>2/2</b> Two 2-lamp ballasts <b>1/42</b> 4-lamp & 2-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>E1</b> B100 emerg. ballast, T8, 350-450 lumens, 120/277V <b>E7</b> B60 emerg. ballast, T8, 600-700 lumens, 120/277V <b>E5</b> B50 emerg. ballast, US or Canada market, T8, 1100-1400 lumens, UNV <b>E5ST*</b> B50ST emerg. ballast w/self test, T8, 1100-1400 lumens, UNV <b>E7LP*</b> LP550 emerg. ballast, T5/T5HO, 430-700 lumens, 120/277V <b>E6LP*</b> LP600 emerg. ballast, US or Canada market, T5/T5HO, 750-1325 lumens, 120/277V <b>GLR</b> Fusing, fast blow <b>LT20</b> -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



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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.

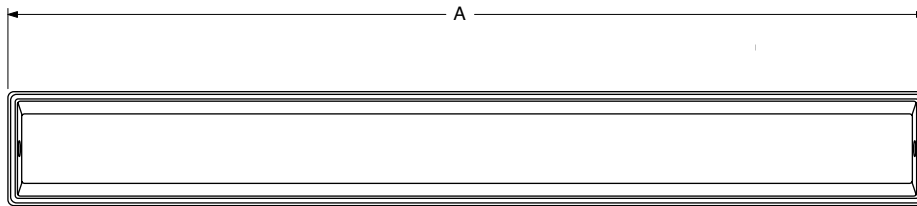
## Construction/Finish

- 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.

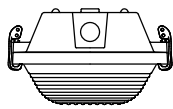
## Dimensions



### A (OVERALL LENGTH)

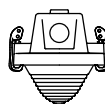
2' models	27-11/16"	(703 mm)
4' models	51-9/16"	(1310 mm)
8' models	100"	(2540 mm)

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



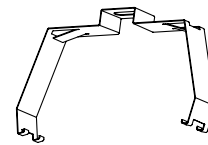
7-1/4"

### 1 Lamp 4'



4-1/2"

### Mounting Bracket (Included)



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## Photometry

LW 2' 2 Lamp F14T5

Efficiency – 75.6%

LER – 58

TER – 48

Catalog No. LWRE214 Test No. 29129 S/MH 1.5 Lamp Type F14T5 Lumens/Lamp 1200 Ballast Factor 1.0 Input Watts 31		Candlepower				Light Distribution				Average Luminance								
		Angle	End		Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross					
Comparative yearly lighting energy cost per 1000 lumens – <b>\$4.14</b> 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.		0	460	45	460	0-30	370.60	15.40	20.40	45	3334	3645	4036					
		5	456	451	461	0-40	626.21	26.10	34.50	55	2852	3542	4254					
		15	438	448	474	0-60	1184.22	49.30	65.30	65	2306	3663	4289					
		25	404	433	474	0-90	1735.73	72.30	95.70	75	1416	3329	4539					
		35	354	416	458	0-180	1813.31	75.60	100.00	85	658	2503	3452					
		45	287	371	423	<b>Coefficients of Utilization</b>												
		55	205	319	398	<b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b>												
		65	128	277	341	pcc	80			70			50					
		75	53	196	286	pw	70	50	30	70	50	30	50	30				
		85	12	101	154	RCR												
		95	6	39	69	0	89	89	89	87	87	87	82	82				
		105	5	17	30	1	79	75	71	77	73	69	69	66				
		115	2	6	15	2	71	64	58	69	62	57	59	54				
		125	1	2	7	3	64	56	49	62	54	48	51	46				
		135	1	2	3	4	59	49	41	57	47	41	45	39				
		145	4	2	2	5	54	43	36	52	42	35	40	34				
		155	2	3	3	6	49	39	31	48	38	31	36	30				
165	3	3	3	7	46	35	28	44	34	27	33	27						
175	3	3	3	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						



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)

