

PHILIPS Day-Brite CFI

Industrial

Vaporlume LED DW

2' sealed industrial,
2700 lumens



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

The Philips Day-Brite / Philips CFI Vaporlume LED sealed industrial DW is a specialized wet location, IP rated product designed for use in both indoor and outdoor environments. It is a wet location listed, non-corrosive luminaire available in both fluorescent and LED light sources.

Ordering guide

Example: **DWAE27L840-2-UNV-MD360W**

Family	Application	Lens	Hubs Installed	Lumen Package	Color Temp.	Length	Voltage	Options
D	W		E	27L	—	—	—	
D Sealed industrial	W Wet Location	A DR Acrylic P Polycarbonate	E Ends only	27L 2700 nominal lumens	830 80 CRI, 3000K 835 80 CRI, 3500K 840 80 CRI, 4000K 850 80 CRI, 5000K	2 2'	UNV Universal Voltage, 120-277V 347' 347V	MD360W Wet location occupancy sensor, external GLR Fusing, fast blow

Footnotes

1 347V available only for 25°C maximum ambient.

Accessories (order separately)

- **TBK** – Stainless Steel Top Bracket Kit (pair of brackets plus hardware)
- **EBK** – Stainless Steel End Bracket Kit (pair of brackets plus hardware)
- **WBK** – Stainless Steel Wraparound Bracket Kit (pair of brackets)
- **FKR-126** – Chain Hanger Set (requires TBK)



2', 2700 lumens

DW Vaporlume LED sealed industrial

2', 2700 lumens

2' Vaporlume LED DW, 2700 nominal delivered lumens LER-104

Catalog No. DWAE27L835-2-UNV
Test No. 31212
S/MH 1.2
Source LED
Input Watts 26

Comparative yearly lighting energy cost per 1000 lumens – \$2.31 based on 3000 hrs. and \$.08 per kWh..

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

Candlepower

Angle	End	45	Cross
0	914	914	914
5	908	904	904
15	884	879	887
25	825	833	827
35	727	725	704
45	587	572	606
55	429	473	512
65	271	378	345
75	147	177	192
85	41	60	59
95	21	19	18
105	22	16	11
115	13	17	11
125	6	13	13
135	3	6	12
145	1	2	5
155	1	1	1
165	1	1	1
175	1	1	1

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pcc	80	70	50	30	20	10
pw	70	50	30	70	50	30
RCR	70	50	30	70	50	30
0	117	117	117	114	114	114
1	108	103	98	105	100	95
2	97	89	82	94	86	81
3	89	78	69	85	77	68
4	81	68	60	79	68	59
5	75	61	53	72	60	52
6	68	56	46	67	55	46
7	64	51	41	61	50	40
8	59	46	38	57	45	36
9	56	41	34	54	41	34
10	52	39	30	51	38	30

Light Distribution

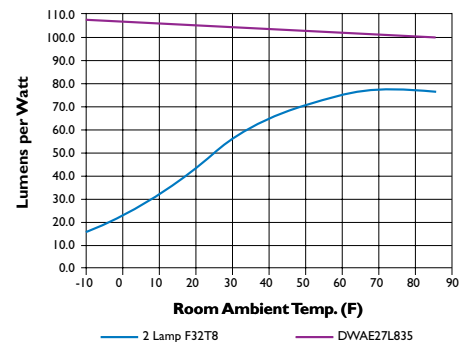
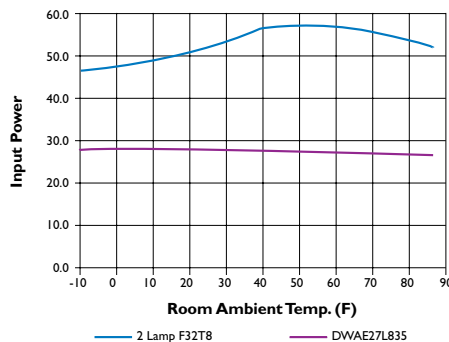
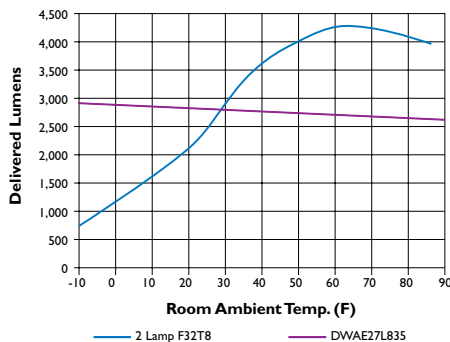
Degrees	Lumens	% Luminaire
0-30	716	26.5
0-40	1165	43.1
0-60	2046	75.7
0-90	2629	97.6

Average Luminance

Angle	End	45°	Cross
45	4378	4268	4520
55	3945	4347	4708
65	3387	4717	4309
75	2997	3610	3912
85	2464	3632	3584

Energy Data

Model	Initial Delivered Lumens @ 25°C Ambient	Input Power	Lumens per Watt	Application notes
DWAE27L835-2-UNV	2,694	26W	104 LPW	<ul style="list-style-type: none"> Equivalent to 2 lamp F17T8 or 1 lamp F32T8 at room temperature, 15% energy savings.. Equivalent to 2 lamp F32T8 in freezer (25°F), 50% energy savings.



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