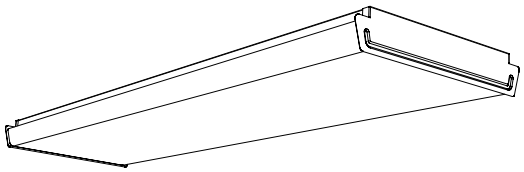
Day-Brite CFI by signify

Linear

OW wraparound

Wide, 4', T5, T5HO, or T8



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

The Day-Brite / CFI OW wraparound wide is a functional and economical lift-and-shift wrap, ideal for surface mount general illumination in light commercial and residential applications.

Ordering guide

Example: OWW432-UNV-1/2-EB

Series	Width	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
OW	W		–	–	
OW Wraparound	**W** Wide	(not included) **2** **3** (32WT8 only) **4** (except 54HO)	**28** 28WT5 (46") **32** 32WT8 (48") **54HO** 54WT5HO (46")	**UNV** Universal voltage 120/277V **120** 120V **277** 277V **347** 347V	**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 **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 **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 **E1** B100 emerg. ballast, T8, 350-450 lumens, 120/277V **E1CAN** B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V **E7** B60 emerg. ballast, T8, 600-700 lumens, 120/277V **E5** B50 emerg. ballast, US or Canada market, T8, 1100-1400 lumens, UNV **E5CAN** B50 -CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V **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

See Section 1600-OA for Option Information.
See Page 950-SS for Mounting Hardware.

Accessories (order separately)

- **CS-400** – Rigid Canopy
- **CS-500** – 42˚ Top Swivel Canopy
- **CS-12** – 12" Stem
- **CS-18** – 18" Stem
- **CS-24** – 24" Stem
- **CS-30** – 30" Stem
- **CS-36** – 36" Stem
- **CS-48** – 48" Stem

OWW Wraparound, wide

4', T5, T5HO, or T8

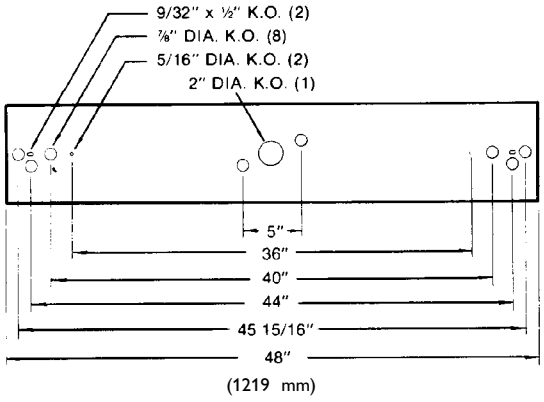
Construction/Finish

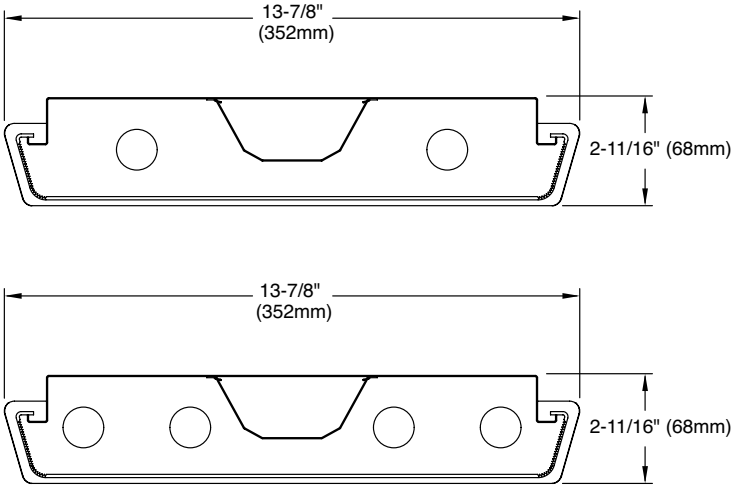
- Pattern 12 bottom prisms with interior linear side wall prisms for maximum cleanliness and light control.
- Tapered shape provides a modern appearance.
- Full steel end plates feature embosses for improved aesthetics.
- 100% virgin acrylic lens hinges from either side for easy maintenance.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Multiple knockouts accomodate a variety of mounting methods.
- Heavy duty channel of code gauge die formed steel.
- For surface or stem mounting.

Electrical

- cULus listed for direct mounting on low density ceilings and damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.
- Lampholders may be individually replaced or rewired.

Dimensions





OWW Wraparound, wide

4', T5, T5HO, or T8

Photometry

Linear wraparound OWW 4ft, 4 lamp T8 — Efficiency – 74.1% — LER – 73 — TER – 63

Catalog No.	OWW432-1/4-EB
Test No.	ITL41980
S/MH	1.4
Lamp Type	F32T8
Lumens/Lamp	2900
Input Watts	107

Comparative yearly lighting energy cost per 1000 lumens – **$3.29** 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.

Candlepower

Angle	End	45	Cross
0	2848	2848	2848
5	2852	2847	2840
15	2761	2792	2818
25	2567	2667	2741
35	2281	2457	2567
45	1875	2120	2248
55	1144	1349	1267
65	555	727	739
75	276	390	528
85	98	195	379
95	1	159	311
105	2	183	270
115	6	141	202
125	9	100	142
135	11	63	88
145	12	48	64
155	12	33	47
165	11	19	28
175	9	11	15

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	2289	19.7	26.6
0-40	3817	32.9	44.4
0-60	6596	56.9	76.7
0-90	7968	68.7	92.7
90-180	631	5.4	7.3
0-180	8599	74.1	100.0

Average Luminance

Angle	End	45°	Cross
45	6460	6882	6899
55	4859	5268	4579
65	3199	3704	3373
75	2598	2987	3410
85	2739	3205	4411

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	86	86	86	83	83	83	79	79
1	80	76	72	77	73	70	69	67
2	72	67	61	69	65	59	60	57
3	66	58	53	64	56	52	54	50
4	60	52	46	58	51	45	48	44
5	56	46	40	54	46	40	44	38
6	52	41	35	50	40	34	40	34
7	47	38	32	46	38	32	35	30
8	45	34	28	42	34	28	33	28
9	41	32	26	40	30	26	29	25
10	39	29	23	38	28	23	28	23

Linear wraparound OWW 4ft, 3 lamp T8 — Efficiency – 77.5% — LER – 74 — TER – ____

Catalog No.	OWW332--UNV-1/3-EB
Test No.	35465
S/MH	1.3
Lamp Type	F32T8
Lumens/Lamp	2700
Input Watts	84

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.

Candlepower

Angle	End	45	Cross
0	2085	2085	2085
5	2071	2086	2092
15	2010	2035	2050
25	1881	1922	1954
35	1672	1752	1804
45	1389	1501	1581
55	990	1092	1086
65	483	578	608
75	200	289	412
85	59	147	309
95	0	124	229
105	2	123	149
115	3	66	83
125	4	43	73
135	5	22	43
145	6	12	21
155	7	8	11
165	8	7	7
175	8	7	8

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	1658	20.5	26.4
0-40	2750	34.0	43.8
0-60	4846	59.8	77.1
0-90	5930	73.2	94.4
90-180	351	4.3	5.6
0-180	6281	77.5	100.0

Average Luminance

Angle	End	45°	Cross
45	4751	4810	5015
55	4123	4153	4071
65	2677	2807	2897
75	1729	2030	2803
85	1265	1958	3895

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	91	91	91	89	89	89	83	83
1	82	80	76	81	77	73	72	70
2	76	69	65	73	68	63	64	60
3	68	60	55	67	59	54	56	52
4	64	55	47	61	53	46	51	45
5	58	48	41	56	47	40	46	40
6	54	44	36	52	42	36	40	35
7	50	40	33	48	39	33	36	32
8	46	35	29	45	35	28	34	28
9	44	33	27	41	33	27	30	26
10	40	30	25	40	29	23	28	23

Hg

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

Signify

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