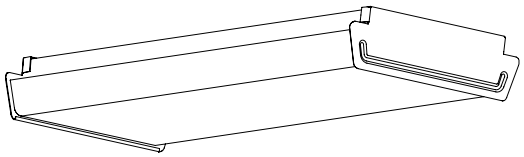
Day-Brite CFI by signify

Linear

OW wraparound

Narrow, 2', T8



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

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

Ordering guide

Example: OWN217-UNV-1/2-EB

Series	Width	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
OW	N	2	17 –	–	
OW Wraparound	**N** Narrow	(not included) **2**	**17** 17WT8 (24")	**UNV** Universal voltage 120/277V **120** 120V **277** 277V **347** 347V	**1/2** One 2-lamp ballast **EB** Electronic ballast, <10% THD **EB10R** Electronic ballast, program rapid start, <10% THD **EBHE** Electronic ballast, high efficiency, std. ballast factor **EBLHE** Electronic ballast, high efficiency, low ballast factor **EBHHE** Electronic ballast, high efficiency, high ballast factor **EBSD** 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, 350-450 lumens, 120/277V **E1CAN** B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V **E7** B60 emerg. ballast, 600-700 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

OWN Wraparound, narrow

2′, T8

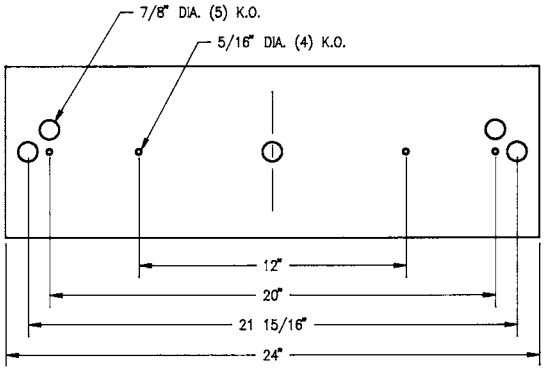
Construction/Finish

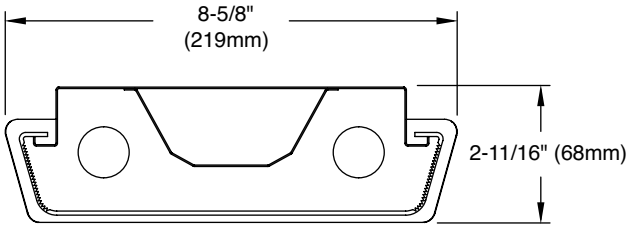
- Pattern 12 bottom prisms with interior linear side wall prisms for maximum cleanliness and light control.
- Tapered shape provides a modern appearance.
- Full steel end plates feature embosses for improved aesthetics.
- 100% virgin acrylic lens hinges from either side for easy maintenance.
- Housing 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

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

Dimensions





OWN Wraparound, narrow

2′, T8

Photometry

Linear wraparound OWN 2ft, 2 Lamp T8 **Efficiency – 81.5%** **LER – 65** **TER – 54**

Catalog No.	OWN217-1/2-EB
Test No.	28878
S/MH	1.3
Lamp Type	F17T8
Lumens/Lamp	1325
Input Watts	30

Comparative yearly lighting energy cost per 1000 lumens – **$3.69** 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	680	680	680
5	678	680	682
15	658	661	663
25	616	621	621
35	553	553	557
45	452	461	465
55	296	321	327
65	135	174	187
75	60	110	131
85	20	85	124
95	0	83	120
105	1	88	107
115	6	68	84
125	11	46	59
135	13	28	35
145	11	16	18
155	10	8	12
165	9	7	7
175	10	9	10

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	537	20.2	24.9
0-40	882	33.3	40.8
0-60	1515	57.2	70.2
0-90	1880	70.9	87.1
90-180	279	10.5	12.9
0-180	2159	81.5	100.0

Average Luminance

Angle	End	45°	Cross
45	4710	4352	4356
55	3709	3514	3543
65	2205	2352	2492
75	1472	2023	2361
85	1048	2567	3618

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	93	93	93	91	91	91	84	84
1	85	81	78	82	79	76	73	70
2	78	71	66	75	68	64	65	60
3	71	63	56	68	60	55	56	52
4	66	56	48	63	54	47	51	46
5	60	50	42	57	48	41	46	40
6	56	45	38	54	44	36	41	35
7	52	40	34	50	40	34	38	32
8	47	38	30	46	36	29	34	28
9	45	34	28	42	34	27	32	26
10	41	32	25	40	30	25	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

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