Day-Brite

CFI by signify

Linear

OW wraparound

Narrow, 4' or 8' T5, T5HO or T8

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.

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Ordering guide

Example: OWN228-UNV-1/2-EB

Series	Width	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
	N	2	–	–	
OW Wraparound **TOW** Tandem (8')	**N** Narrow	(not included) **2**	**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 **1/4** 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

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OWN Wraparound, narrow

4' or 8' T5, T5HO or T8

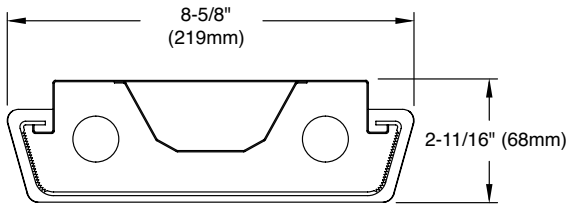
Construction/Finish

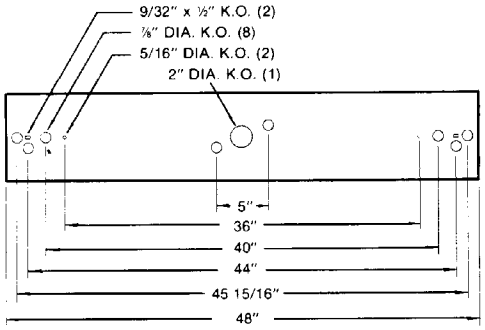
- Pattern 12 bottom prisms with interior linear side wall prisms for maximum cleanliness and light control.
- Tapered shape provides a modern appearance.
- Full steel end plates feature embosses for improved aesthetics.
- 100% virgin acrylic lens hinges from either side for easy maintenance.
- Housing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

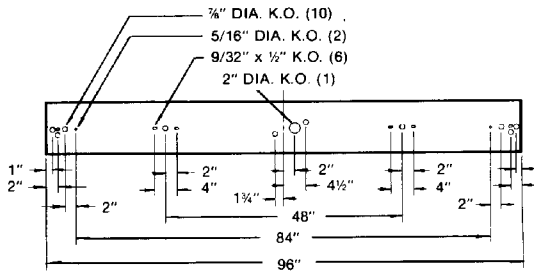
Electrical

- 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







OWN Wraparound, narrow

4' or 8' T5, T5HO or T8

Photometry

Linear wraparound OWN 4ft, 2 Lamp T8 **Efficiency – 72.8%** **LER – 66** **TER – 56**

Catalog No.	OWN232-1/2-EB
Test No.	ITL41979
S/MH	1.4
Lamp Type	F32T8
Lumens/Lamp	2900
Input Watts	59

Comparative yearly lighting energy cost per 1000 lumens – **$3.64** 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	1315	1315	1315
5	1317	1315	1310
15	1275	1291	1302
25	1180	1233	1269
35	1042	1138	1168
45	855	962	999
55	541	617	595
65	252	299	385
75	112	173	278
85	36	118	269
95	0	126	265
105	1	157	244
115	4	123	182
125	7	71	112
135	10	36	53
145	9	31	41
155	8	22	32
165	7	12	20
175	7	7	8

Light Distribution

Degrees Luminaire	Lumens	% Lamp	%
0-30	1057	18.2	25.0
0-40	1761	30.4	41.7
0-60	3035	52.3	71.9
0-90	3711	64.0	87.9
90-180	511	8.8	12.1
0-180	4222	72.8	100.0

Average Luminance

Angle	End	45°	Cross
45	4841	4948	4708
55	3776	3765	3225
65	2387	2329	2547
75	1733	1945	2454
85	1654	2519	3741

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	84	84	84	81	81	81	76	76
1	77	73	69	73	70	68	66	64
2	69	65	59	68	61	57	57	55
3	64	56	51	61	55	50	52	46
4	58	51	44	56	48	42	46	40
5	54	45	39	52	44	38	41	35
6	50	40	34	47	40	34	38	32
7	46	36	30	45	35	29	34	28
8	42	34	28	41	33	27	30	26
9	40	30	25	39	29	25	28	23
10	38	28	23	36	28	23	27	22

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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