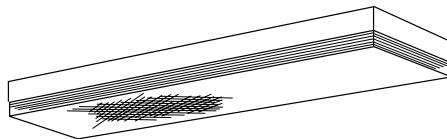


### Industrial

DW straight side wraparound

Narrow, T5, T5HO, or T8



Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

The Day-Brite / CFI DW straight side wraparound narrow is a specification grade luminaire with injection molded end caps.

#### Ordering guide

Example: DWN232-UNV-1/2-EBHE

| Family                       | Width           | No. of Lamps per Cross Section | Lamp Type                                                                   | Voltage                                                                                           | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|-----------------|--------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | <b>N</b>        | <b>2</b>                       | —                                                                           | —                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>DW</b> Straight side wrap | <b>N</b> Narrow | (not included)<br>2            | <b>28</b> 28wT5 (46")<br><b>32</b> 32wT8 (48")<br><b>54HO</b> 54WT5HO (46") | <b>UNV</b> Universal voltage<br>120/277V<br><b>120</b> 120V<br><b>277</b> 277V<br><b>347</b> 347V | <b>1/2</b> One 2-lamp ballast<br><b>1/4</b> One 4-lamp ballast<br><b>2/2</b> Two 2-lamp ballasts<br><b>EB</b> Electronic ballast, <10% THD<br><b>EB10R</b> T8 electronic ballast, program rapid start, <10% THD<br><b>EBHE</b> T8 electronic ballast, high efficiency, std. ballast factor<br><b>EBLHE</b> T8 electronic ballast, high efficiency, low ballast factor<br><b>EBHHE</b> T8 electronic ballast, high efficiency, high ballast factor<br><b>EBSD</b> T8 electronic step dimming ballast, .88 ballast factor<br><b>EBD7</b> Advance Mark 7 dimming ballast, 0-10V (low voltage) control<br><b>EBDX</b> Advance Mark 10 dimming ballast, phase control<br><b>EBD</b> Electronic dimming ballast, customer specified<br><b>E1</b> B100 emerg. ballast, T8, 350-450 lumens, 120/277V<br><b>E1CAN</b> B100-CAN emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V<br><b>E7</b> B60 emerg. ballast, T8, 600-700 lumens, 120/277V<br><b>E5</b> B50 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV<br><b>ESCAN</b> B50-CAN emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V<br><b>ESST</b> B50ST emerg. ballast w/self test, T8, 1100-1400 lumens, UNV<br><b>E7LP</b> LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V<br><b>E6LP</b> LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V<br><b>GLR</b> 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

# DWN Straight side wraparound, narrow

T5, T5HO, or T8

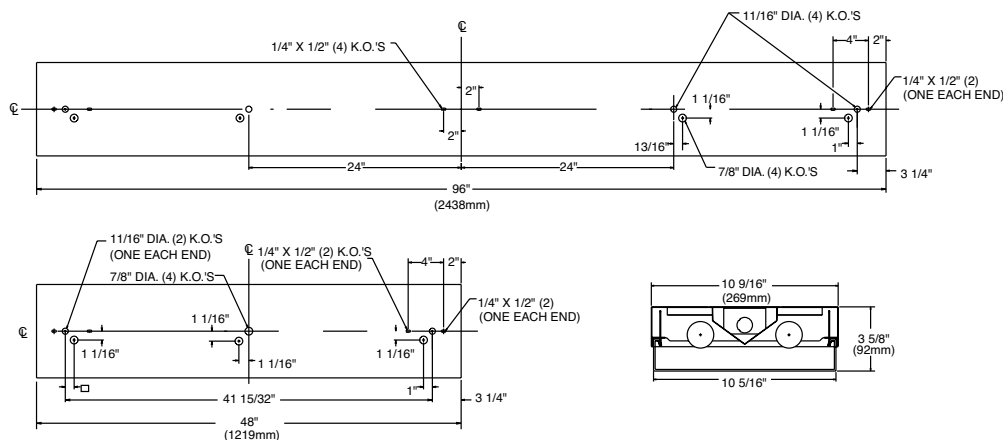
## Construction/Finish

- Standard diffuser is flat bottom prismatic acrylic with linear side and end prisms.
- Optional high impact diffuser is made from 100% DR (high impact) acrylic.
- Diffuser end caps are injection molded acrylic.
- Diffuser hinges and latches from either side with 4 torsion springs.
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high reflectance baked white enamel.
- Multiple knockouts accommodate 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 to low density ceilings and damp locations.
- Lampholders snap into socket plates and may be individually replaced or rewired.
- Self-contained fluorescent emergency power packs can be incorporated.

## Dimensions



## Straight side wraparound DWN 2 Lamp T8

Efficiency – 79.1%

LER – FW-66

TER – 57

|                |                |
|----------------|----------------|
| Catalog No.    | DWN 232-1/2-EB |
| Test No.       | 17040          |
| S/MH           | 1.4            |
| Lamp Type      | F32T8          |
| Lumens/Lamp    | 2900           |
| Ballast Factor | .92            |
| Input Watts    | 64             |

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     | 1558 | 1558 | 1558  |
| 5     | 1563 | 1555 | 1551  |
| 15    | 1511 | 1534 | 1548  |
| 25    | 1404 | 1472 | 1513  |
| 35    | 1246 | 1355 | 1375  |
| 45    | 1003 | 1082 | 1028  |
| 55    | 564  | 644  | 603   |
| 65    | 343  | 376  | 421   |
| 75    | 204  | 232  | 319   |
| 85    | 80   | 138  | 254   |
| 95    | 25   | 127  | 190   |
| 105   | 17   | 95   | 88    |
| 115   | 11   | 45   | 60    |
| 125   | 8    | 39   | 50    |
| 135   | 5    | 28   | 37    |
| 145   | 5    | 19   | 28    |
| 155   | 6    | 12   | 18    |
| 165   | 6    | 7    | 10    |
| 175   | 6    | 5    | 5     |

## Light Distribution

| Degrees | Lumens | % Lamp | % Luminaire |
|---------|--------|--------|-------------|
| 0-30    | 1257   | 21.7   | 27.4        |
| 0-40    | 2086   | 36.0   | 45.5        |
| 0-60    | 3454   | 59.5   | 75.3        |
| 0-90    | 4266   | 73.6   | 93.0        |
| 90-180  | 320    | 5.5    | 7.0         |
| 0-180   | 4586   | 79.1   | 100.0       |

## Average Luminance

| Angle | End  | 45°  | Cross |
|-------|------|------|-------|
| 45    | 4230 | 4190 | 3912  |
| 55    | 2894 | 2936 | 2685  |
| 65    | 2338 | 2164 | 2344  |
| 75    | 2169 | 1888 | 2471  |
| 85    | 2075 | 2020 | 3400  |

## Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

| pcc | 80 | 70 | 50 |
|-----|----|----|----|
| pw  | 70 | 50 | 30 |
| RCR | 70 | 50 | 30 |
| 0   | 93 | 93 | 93 |
| 1   | 84 | 81 | 77 |
| 2   | 77 | 70 | 66 |
| 3   | 70 | 63 | 56 |
| 4   | 65 | 56 | 48 |
| 5   | 59 | 50 | 42 |
| 6   | 55 | 45 | 38 |
| 7   | 51 | 40 | 34 |
| 8   | 47 | 38 | 30 |
| 9   | 45 | 34 | 28 |
| 10  | 41 | 32 | 26 |



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)

