

# PHILIPS

## Day-Brite

### CFI

Linear

Belmont Spill Frame  
wraparound

4', 15-5/8" wide, T8



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

The Philips Day-Brite / Philips CFI Belmont Spill Frame wraparound's profile creates an engaging "spill" of light with architectural detailing that enhances its surroundings. The Belmont Spill Frame features a floating extruded aluminum frame with true mitered corners and a translucent lens.

#### Ordering guide – chassis\*

Chassis Example: **BE2W432UNV-1/4-EB**

| Family                                   | Width            | Body Finish                      | Lamp quantity    | Lamp Type<br>(by others) | Voltage                                                                                         | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------|------------------|----------------------------------|------------------|--------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BE</b>                                | <b>2</b>         | <b>W</b> White<br><b>B</b> Black | <b>4</b>         | <b>32</b>                | <b>UNV</b> –                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>BE</b> Belmont Spill Frame Wraparound | <b>2</b> 15-5/8" | <b>W</b> White<br><b>B</b> Black | <b>4</b> 4 lamps | <b>32</b> 32WT8          | <b>UNV</b> Universal voltage, 120-277V<br><b>120</b> 120V<br><b>277</b> 277V<br><b>347</b> 347V | <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> Electronic ballast, program rapid start, <10% THD<br><b>EBHE</b> Electronic ballast, high efficiency, std. ballast factor<br><b>EBLHE</b> Electronic ballast, high efficiency, low ballast factor<br><b>EBHHE</b> Electronic ballast, high efficiency, high ballast factor<br><b>EBSD</b> Electronic ballast, step dimming, std. (.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, 350-450 lumens, 120/277V<br><b>E1CAN</b> B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V<br><b>E7</b> B60 emerg. ballast, 600-700 lumens, 120/277V<br><b>E5</b> B50 emerg. ballast, US or Canada market, 1100-1400 lumens, UNV<br><b>ESCAN</b> B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V<br><b>ESST</b> B50ST emerg. ballast w/self test, 1100-1400 lumens, UNV<br><b>GLR</b> Fusing, fast blow |

#### Shielding\* – order separately

Shielding Example: **BESF2X4**

| Length | Shielding      | Chassis    | Finish | Lamps |
|--------|----------------|------------|--------|-------|
| 4'     | <b>BESF2X4</b> | BE2B432UNV | Black  | 4-T8  |
| 4'     | <b>BESF2X4</b> | BE2W432UNV | White  | 4-T8  |

\*Note: Chassis and shielding are packed in separate cartons. When ordering, enter as separate line items.

# BE Belmont Spill Frame wraparound

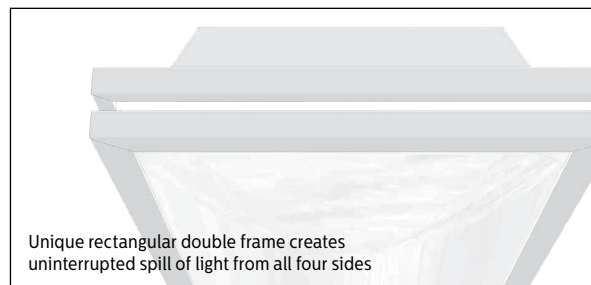
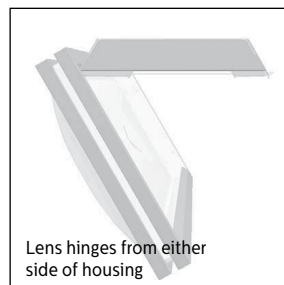
4', 15-5/8" wide, T8

## Features

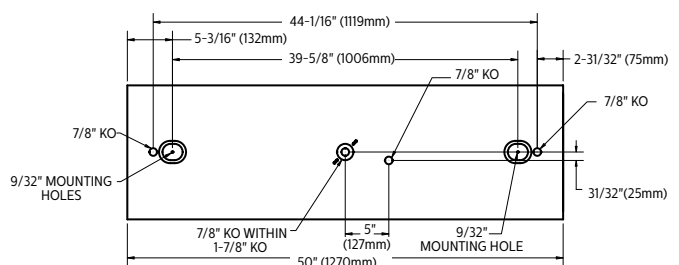
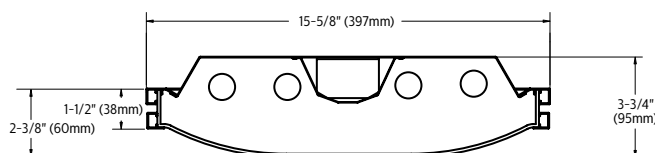
- Excellent for lighting cafeterias, small offices, corridors, kitchens and family rooms.
- Unique rectangular double frame creates uninterrupted spill of light from all four sides.
- Extruded aluminum frame with mitered corners.
- Aluminum frame is painted after fabrication with a white finish. Silver finish available, contact factory.
- 1/8" thick white acrylic lens containing 25% DR.
- Only 3-3/4" total depth.
- Step back housing for an apparent depth of 1-1/2".
- 57.4% efficient.
- Lens opens and hinges from either side.
- Zip-clip flush mount on T-grid ceilings.
- Off-center 7/8" K.O. for flush mount to T-grid ceiling.
- Complete luminaire consists of a diffuser and a chassis, ordered separately.
- Not suitable for row mounting.
- Universal Belmont chassis compatible with:
  - Belmont Spill Frame Wraparound shielding
  - Belmont Cloud Wraparound shielding
  - Belmont I Wraparound shielding
  - Belmont II Wraparound shielding
- Chassis shipped separately from diffuser.

## Specifications

- **Finish:** Chassis exterior—white baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate under-coating.
- **Frame:** Extruded aluminum with soft white polyester powder coat finish.
- **Lens:** One-piece vacuum formed white acrylic containing 25% DR with decorative trim.
- **Electrical:** Thermally protected class "P" ballast, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
- **Labels:** cULus listed, suitable for damp locations.



## Dimensions



# BE Belmont Spill Frame wraparound

4', 15-5/8" wide, T8

## Photometry

**Model No. BE2W432UNV-1/4-EB**—with shielding BESF2X4

LER = FP-57.1 IW-109.6 BF-0.88 TER - 49  
Comparative yearly lighting energy cost  
per 1000 lumens = \$4.20

**Report Number:** G2008141

**Lamp:** (4) F32T8

**Luminaire:** 2' x 4' Belmont Spill Frame

**Ballast:** ICN-4P32-SC

Report is based on 3100 lumens per lamp

**Efficiency:** 57.4%

**CIE Type:** Direct

**Plane:** 0-Deg 90-Deg

**Spacing Criteria:** 1.2 1.3

**Shielding Angles:** 90 90

**Plane:** 0-Deg 90-Deg

**Luminous Length:** 48.000 14.400

### Candela Distribution

| Angle | 0.0  | 45.0 | 90.0 | FLUX |
|-------|------|------|------|------|
| 0     | 2410 | 2410 | 2410 |      |
| 5     | 2392 | 2394 | 2402 | 228  |
| 15    | 2291 | 2299 | 2307 | 650  |
| 25    | 2118 | 2128 | 2138 | 980  |
| 35    | 1869 | 1884 | 1897 | 1179 |
| 45    | 1559 | 1581 | 1595 | 1219 |
| 55    | 1200 | 1232 | 1245 | 1097 |
| 65    | 805  | 850  | 870  | 834  |
| 75    | 396  | 469  | 517  | 493  |
| 85    | 74   | 193  | 248  | 202  |
| 90    | 32   | 115  | 169  |      |

### Coefficients of Utilization

| Ceiling           | 80%                                                               |    |    | 50% |    |    | 30% |    |    |    |
|-------------------|-------------------------------------------------------------------|----|----|-----|----|----|-----|----|----|----|
| Wall              | 70                                                                | 50 | 30 | 50  | 30 | 10 | 50  | 30 | 10 |    |
| RCR               | Zonal Cavity Method—<br>Effective Floor Cavity Reflectance = 0.20 |    |    |     |    |    |     |    |    |    |
| Room Cavity Ratio | 1                                                                 | 62 | 59 | 56  | 55 | 53 | 51  | 52 | 51 | 49 |
|                   | 2                                                                 | 56 | 51 | 47  | 48 | 45 | 42  | 45 | 43 | 41 |
|                   | 3                                                                 | 51 | 45 | 40  | 42 | 38 | 35  | 40 | 37 | 34 |
|                   | 4                                                                 | 47 | 40 | 35  | 37 | 33 | 30  | 36 | 32 | 29 |
|                   | 5                                                                 | 43 | 36 | 30  | 33 | 29 | 26  | 32 | 28 | 25 |
|                   | 6                                                                 | 40 | 32 | 27  | 30 | 26 | 23  | 29 | 25 | 22 |
|                   | 7                                                                 | 37 | 29 | 24  | 27 | 23 | 20  | 26 | 23 | 20 |
|                   | 8                                                                 | 34 | 26 | 22  | 25 | 21 | 18  | 24 | 20 | 18 |
|                   | 9                                                                 | 32 | 24 | 20  | 23 | 19 | 16  | 22 | 19 | 16 |
|                   | 10                                                                | 30 | 22 | 18  | 21 | 17 | 15  | 21 | 17 | 14 |

### Luminance Data in Candela/Sq. Meter

| Average<br>in Deg. | Average<br>0-Deg. | Average<br>45-Deg. | Average<br>90-Deg. |
|--------------------|-------------------|--------------------|--------------------|
| 45                 | 4598.             | 4073.              | 4045.              |
| 55                 | 4236.             | 3623.              | 3586.              |
| 65                 | 3678.             | 3018.              | 3004.              |
| 75                 | 2680.             | 2185.              | 2316.              |
| 85                 | 1025.             | 1368.              | 1654.              |

### Zonal Lumen Summary

| Zone   | Lumens | % Lamp | % Fixt |
|--------|--------|--------|--------|
| 0-30   | 1858   | 15.0   | 26.1   |
| 0-40   | 3037   | 24.5   | 42.6   |
| 0-60   | 5353   | 43.1   | 75.1   |
| 0-90   | 6881   | 55.5   | 96.6   |
| 90-180 | 242    | 2.0    | 3.4    |
| 0-180  | 7123   | 57.4   | 100.0  |



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)

