PHILIPS

Day-Brite

CFI

Linear

Belmont Spill Frame wraparound

4', 10-1/2" 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: BE1W232UNV-1/2-EB

Family	Width	Body Finish	Lamp quantity	Lamp Type (by others)	Voltage	Options
BE	1		2	32	–	
BE Belmont Spill Frame Wraparound	**1** 10-1/2"	**W** White **B** Black	**2** 2 lamps	**32** 32WT8	**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 ballast, step dimming, std. (.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 **E5** B50 emerg. ballast, US or Canada market, 1100-1400 lumens, UNV **E5CAN** B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V **E5ST** B50ST emerg. ballast w/self test, 1100-1400 lumens, UNV **GLR** Fusing, fast blow

Shielding* – order separately

Shielding Example: BESF1X4

Length	Shielding	Chassis	Finish	Lamps
4'	**BESF1X4**	BE1B232UNV	Black	2–T8
4'	**BESF1X4**	BE1W232UNV	White	2–T8

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

BE Belmont Spill Frame wraparound

4', 10-1/2" wide, T8

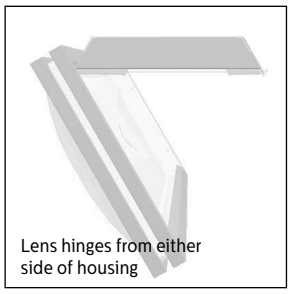
Features

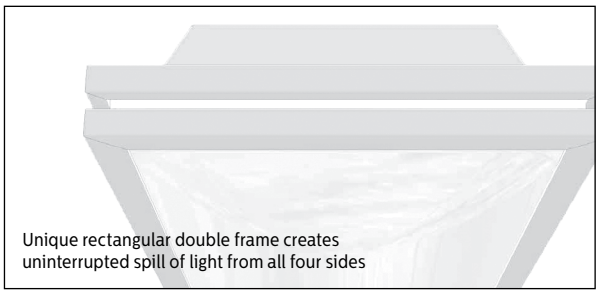
- Excellent for lighting cafeterias, small offices, corridors, kitchens and family rooms.
- Unique rectangular double frame creates uninterrupted spill of light from all four sides.
- Extruded aluminum frame with mitered corners.
- Aluminum frame is painted after fabrication with a white finish. Silver finish available, consult 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".
- 56.3% efficient (2 lamp T8).
- 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

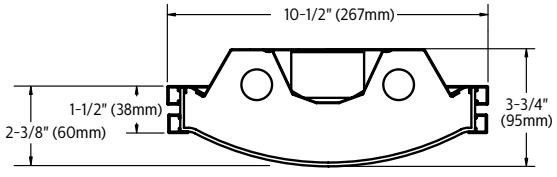
- **Finish:** Chassis exterior—white baked polyester enamel. Cavity – white baked polyester enamel minimum 86% reflectance. Phosphate undercoating.
- **Frame:** Extruded aluminum with soft white polyester powder coat finish.
- **Lens:** One-piece vacuum formed white acrylic containing 25% DR with decorative 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.

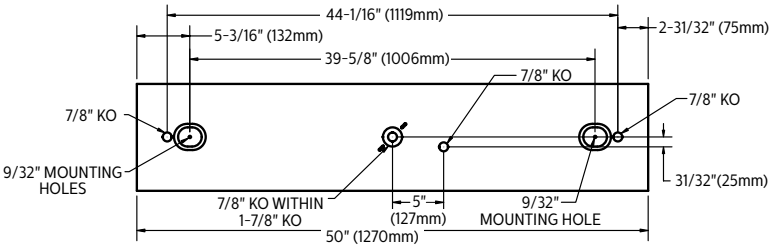

Offset ballast mounting and 7/8" knockouts


Lens hinges from either side of housing


Unique rectangular double frame creates uninterrupted spill of light from all four sides

Dimensions





BE Belmont Spill Frame wraparound

4', 10-1/2" wide, T8

Photometry

Belmont Spill Frame Wraparound 2 lamp T8

Model No. BE1W232UNV-1/2-EB—with shielding BESF1X4

LER = 48.0 IW–58.9 BF–0.88 TER – 40
Comparative yearly lighting energy cost per 1000 lumens = $5.00

Report Number: G2008131

Lamp: (2) F32T8

Luminaire: 1' x 4' Belmont Spill Frame

Ballast: ICN-2P32-SC
Report is based on 2850 lumens per lamp.

Efficiency: 56.3%

CIE Type: Direct

Plane:	0–Deg	90–Deg
Spacing Criteria:	1.3	1.3
Shielding Angles:	90	90
Plane:	0–Deg	90–Deg
Luminous Length:	48.000	9.000

Candela Distribution

Angle	0.0	45.0	90.0	FLUX
0	1024	1024	1024	
5	1017	1018	1023	97
15	982	986	993	279
25	915	921	929	425
35	818	827	836	519
45	697	708	721	548
55	551	568	582	508
65	387	412	432	407
75	212	257	301	273
85	57	148	198	152
90	20	102	150	

Coefficients of Utilization

Ceiling	80%			50%			30%		
Wall	70	50	30	50	30	10	50	30	10
RCR	Zonal Cavity Method— Effective Floor Cavity Reflectance = 0.20								
1	60	57	55	54	52	50	51	50	48
2	55	50	45	46	43	40	45	42	39
3	50	43	38	41	37	34	39	36	33
4	45	38	33	36	32	28	35	31	28
5	42	34	29	32	28	24	31	27	24
6	38	31	25	29	25	21	28	24	21
7	36	28	23	26	22	19	26	22	19
8	33	25	20	24	20	17	23	19	17
9	31	23	18	22	18	15	22	18	15
10	29	21	17	20	16	14	20	16	14

Room Cavity Ratio

Luminance Data in Candela/Sq. Meter

Average in Deg.	Average 0–Deg.	Average 45–Deg.	Average 90–Deg.
45	3535.	3591.	3657.
55	3445.	3552.	3639.
65	3284.	3497.	3666.
75	2938.	3561.	4171.
85	2346.	6091.	8148.

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0–30	801	14.1	25.0
0–40	1320	23.2	41.1
0–60	2375	41.7	74.0
0–90	3208	56.3	100.0
90–180	0	0.0	0.0
0–180	3208	56.3	100.0

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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philips.com/luminaires

Philips Lighting North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Philips Lighting Canada Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008