

PHILIPS

Day-Brite

CFI

Linear

Belmont Spill Frame
wraparound

2', 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: **BE2W417UNV-1/2-EB**

Family	Width	Body Finish	Lamp quantity	Lamp Type (by others)	Voltage	Options
BE	2	W White B Black	4	17	UNV –	
BE Belmont Spill Frame Wraparound	2 15-5/8"	W White B Black	4 4 lamp T8	17 17WT8	UNV Universal voltage, 120-277V 120 120V 277 277V 347 347V	1/4 One 4-lamp ballast 2/2 Two 2-lamp ballasts 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 GLR Fusing, fast blow

Shielding* – order separately

Shielding Example: **BESF2X2**

Length	Shielding	Chassis	Finish	Lamps
2'	BESF2X2	BE2B417UNV	Black	4-T8
2'	BESF2X2	BE2W417UNV	White	4-T8

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

BE Belmont Spill Frame wraparound

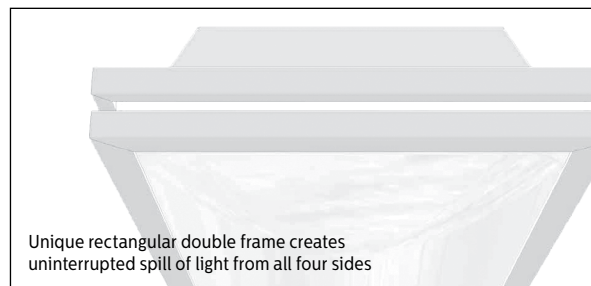
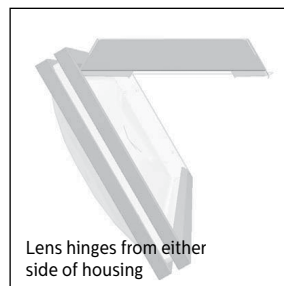
2', 15-5/8" wide, T8

Features

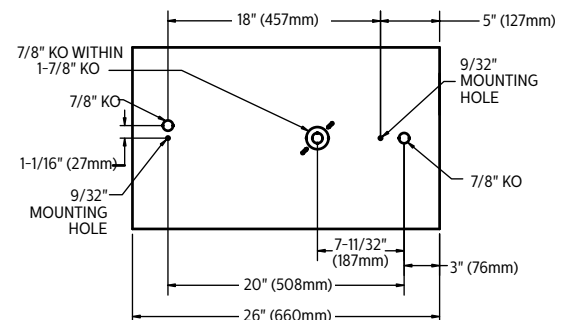
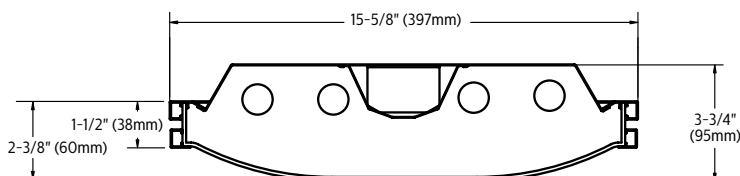
- Excellent for lighting cafeterias, small offices, corridors, kitchens and family rooms.
- Unique rectangular double frame creates uninterrupted spill of light from all four sides.
- Extruded aluminum frame with mitered corners.
- Aluminum frame is painted after fabrication with a white finish. Silver 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".
- 53.9% 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 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.



Dimensions



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

BE Belmont Spill Frame wraparound

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Photometry

Model No. BE2W417UNV-1/4-EB—with shielding BESF2X2

LER = FP-48.0 IW-54.3 BF-0.88 TER - 41
Comparative yearly lighting energy cost per
1000 lumens = \$5.00

Report Number: G2007088

Lamp: (4) F17T8

Luminaire: 2' x 2' Belmont Spill Frame

Ballast: ICN-4P32-SC

Report is based on 1375 Lumens per lamp.

Efficiency: 53.9%

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: 25.200 15.000

Candela Distribution

Angle	0.0	45.0	90.0	FLUX
0	1000	1000	1000	
5	993	994	994	95
15	952	955	956	270
25	877	883	886	407
35	773	779	784	488
45	645	653	659	503
55	497	506	515	452
65	337	350	361	346
75	175	199	218	210
85	47	90	105	93
90	25	55	72	

Luminance Data in Candela/Sq. Meter

Average in Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	3459.	3280.	3363.
55	3184.	2965.	3082.
65	2785.	2553.	2711.
75	2129.	2003.	2290.
85	1148.	1536.	1933.

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									
Room Cavity Ratio	1	58	55	53	51	49	48	49	47	46
	2	53	48	44	45	42	39	43	40	38
	3	48	42	38	39	36	33	38	35	32
	4	44	37	33	35	31	28	33	30	27
	5	40	33	28	31	27	24	30	26	24
	6	37	30	25	28	24	21	27	24	21
	7	35	27	22	26	22	19	25	21	18
	8	32	25	20	23	20	17	23	19	16
	9	30	23	18	22	18	15	21	17	15
	10	28	21	17	20	16	14	19	16	13

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	771	14.0	25.9
0-40	1258	22.9	42.4
0-60	2214	40.3	74.5
0-90	2863	52.0	96.5
90-180	105	1.9	3.5
0-180	2967	53.9	100.0

