

Belmont 6" Cloud

Page 1 of 2

Surface Mount Fluorescent, 24", 36 or 48" Lengths
2 Lamp T8

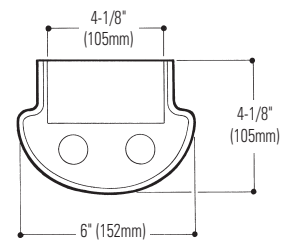
- 6" white opal acrylic lens (vacuum formed).
- Can be horizontally or vertically wall mounted.
- Can be ceiling mounted.
- Efficiency 69.0%.
- Lens secured to body with screws at ends..
- Quarter turn latch secures channel cover for easy wireway access.
- Heavy duty channel of code gauge die formed steel.
- Fully enclosed wiring.
- UL Listed snap-on end caps (body).
- Green grounding screw installed in channel.



Features



Dimensions



Job Information Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Chassis

Model No. SB234UNVHI

with shielding BCW6X48

LER = 62

Comparative yearly lighting energy cost per
1000 lumens = \$3.87

Report Number: 32363

Lamp: F32T8

Luminaire: Belmont 6" Cloud, 48" Length,
2 Lamp T8

Ballast: Electronic

Report is based on 2850 Lumens per lamp.

Efficiency: 68.9%

CIE Type: Semi-Direct

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.4

COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

PCC	80	70	50	30	20	10	0
RCR	70	50	30	20	10	0	0
1	68	64	60	57	52	46	41
2	60	55	50	46	41	35	30
3	56	47	41	35	28	23	19
4	51	41	35	28	23	19	17
5	46	36	30	23	19	17	14
6	42	33	27	20	17	14	12
7	39	29	23	17	14	12	10
8	36	27	20	14	12	10	8
9	34	25	19	12	10	8	7
10	32	23	17	12	10	8	6

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE CROSS
45	3092	2648	2737
55	2832	2537	2725
65	2329	2446	2748
75	1696	2461	2918
85	655	2619	3085

CANDLEPOWER

Angle	End	45.0	Cross
0	708	708	708
5	702	707	707
15	688	693	698
25	624	649	673
35	551	595	639
45	457	535	599
55	349	472	560
65	221	402	511
75	108	339	453
85	20	280	403
95	19	246	364
105	49	226	330
115	79	212	306
125	108	186	261
135	128	167	226
145	138	147	186
155	152	123	152
165	162	108	143
175	167	162	157

LIGHT DISTRIBUTION

ZONE	LUMENS	% LAMP	% FIXT
0- 30	562	9.9	14.3
0- 40	936	16.4	23.8
0- 60	1764	31.0	44.9
0- 90	2762	48.5	70.3
90-180	1169	20.5	29.7
0-180	3931	69.0	100.0

Ordering Information

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

Length	Shielding	Chassis	Lamp	Ballast
2'	BCW6X24	SB224UNVHI	2-T8	2 Lamp Elec. T8
3'	BCW6X36	SB236UNVHI	2-T8	2 Lamp Elec. T8
4'	BCW6X48	SB248UNVHI	2-T8	2 Lamp Elec. T8

NOTE: Chassis and shielding shown are stock items. For other ballast options refer to SB Series Wide Strip specification sheet.

NOTE: UNV =120-277v.

Specifications

Materials: Chassis parts are die-formed code gauge cold rolled steel, 1-7/8" deep, 4-1/4" channel width.

Lampholders: Mounted to flip-up socket bridge which can be flipped up from the horizontal (shipping position) to the vertical (installation) position with 4 screws.

Ballast Cover: Snap-on type without fasteners. Screwdriver slots are to be provided in housing for easy removal of ballast cover.

Finish: Chassis exterior phosphate undercoating, baked white polyester enamel.

Electrical: Rapid start HPF, thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: Listed by CSA.

This product may have a mercury containing lamp.

Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:



© 2014 Koninklijke Philips N.V. All rights reserved.
Specifications are subject to change without notice.
www.philips.com/luminaires

BELMONT_CLOUD_WALL_CFI 05/14

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

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008