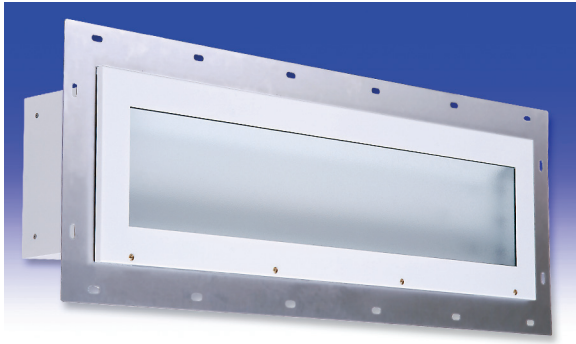




HB7 1x FA Series

FLUORESCENT | FLANGE 



1x BOOTH LITE APPLICATIONS:

- UL/CUL Listed Wet Location
- UL/CUL Hazardous Location (Class I, Division 2; Groups A, B, C & D; Class II, Division 2; Groups F & G)

BENEFITS:

- Front access
- Luminaires adaptable to your specific needs

FEATURES:

- Premium electronic ballast standard where available
- Available in Stainless Steel construction
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of nominal 18GA (.048) zinc coated steel for unmatched corrosion protection. One welded, tapered, threaded hub on the side provides a sealed wireway access. All seams are sealed with a long life acrylic sealant.

REFLECTOR:

Fabricated of zinc coated steel, painted with a minimum reflectance of 88%.

LENS FRAME:

18GA (.048) zinc coated steel with captive quarter turn fasteners used to hold the lens frame tight to the housing. The frame is supported by a full length piano hinge for ease of servicing.

GASKETING:

EPDM is used to seal the lens into the frame and the frame to the housing.

FINISH:

Painted surfaces are two mil of white polyester enamel.

LENS:

.187 Pattern 62 tempered glass.

ELECTRICAL:

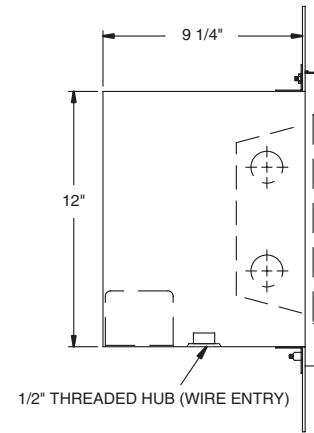
All ballasts and lampholders are UL Listed.

MOUNTING:

Supplied with 14GA (.075) stainless steel flange. 304 SS standard, 316 SS and other materials also available. Custom size flanges available. Contact Sales Representative for information.

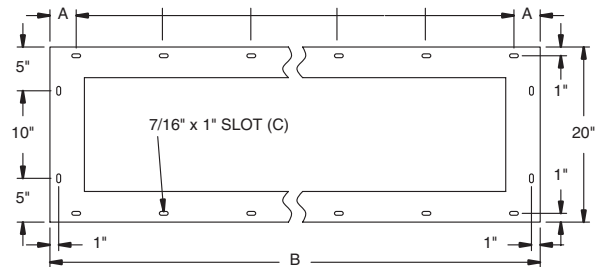
TEMPERATURE CODE:

Class I, Div. 2 - T3 (200°C); Class II, Div. 2 - T6 (85°C).



MOUNTING FLANGE DETAIL

4FT: 5 SPACES @ 10" O.C.
8FT: 10 SPACES @ 10" O.C.



NOMINAL HOUSING DIMENSIONS IN INCHES

LUMINAIRE	HOUSING	PANEL CUT-OUT SIZE
1 FT x 4 FT	12 x 48 1/8	14 3/4 x 50 7/8
1 FT x 8 FT	12 x 96 1/8	14 3/4 x 98 7/8

MOUNTING FLANGE DIMENSIONS IN INCHES

LUMINAIRE	A	B	C (QTY)
1 FT x 4 FT	3	56	16
1 FT x 8 FT	2	104	26



Hazardous Location:

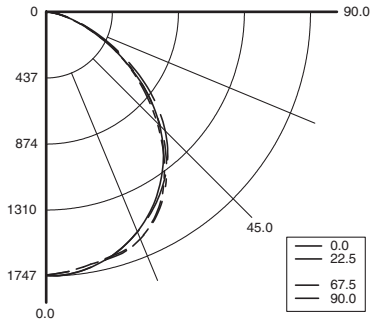


HB7 1x FA Series



PHOTOMETRICS: For additional photometry, go to paramountlighting.com

Model HB7248H9-EO-R5, 4FT, Specular Reflector and Tempered Glass Lens, 2 60W T12/HO Fluorescent Lamps, Lamp Lumen Rating = 4050



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

RC	.8				.7				.5				.3				.1				0	
RW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0	
R 0	63	63	63	63	61	61	61	61	58	58	58	56	56	56	54	54	54	53				0
C 1	58	56	54	52	57	55	53	51	52	51	49	50	49	48	48	47	46	45				0
R 2	53	49	46	43	52	48	45	43	46	44	42	45	43	41	43	41	40	39				0
3	49	44	40	36	47	43	39	36	41	38	35	40	37	35	38	36	34	33				0
4	45	39	34	31	44	38	34	31	37	33	31	36	33	30	34	32	30	29				0
5	41	35	30	27	40	34	30	27	33	29	27	32	29	26	31	28	26	25				0
6	38	31	27	24	37	31	27	24	30	26	23	29	26	23	28	25	23	22				0
7	35	29	24	21	34	28	24	21	27	24	21	27	23	21	26	23	20	19				0
8	33	26	22	19	32	26	22	19	25	21	19	24	21	18	24	21	18	17				0
9	31	24	20	17	30	24	20	17	23	19	17	22	19	17	22	19	17	16				0
10	29	22	18	15	28	22	18	15	21	18	15	21	17	15	20	17	15	14				0

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1355	16.7	31.6
0-40	2208	27.3	51.5
0-60	3689	45.5	86
0-90	4289	53	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	4289	53	100

Total Luminaire Optical Efficiency = 53.0%

Spacing Criterion: 0° = 1.22, 90° = 1.26

1x BOOTH LITE—FRONT ACCESS ORDERING INFORMATION:

HB7 SERIES	2 LAMP QTY		9 LENS		OPTIONS	VOLTAGE
HB7 Hazardous			9 .187 Tempered Glass (P62)		EMERGENCY (SPECIFY VOLTAGE) *EM2 Bodine BDL700 WET/10TA I-48-DL WET or similar *EM3 Bodine BDL500 WET/10TA I-320-DL WET or similar *EM4 Bodine BDL900 WET/10TA I-40-DL WET or similar EM8 Bodine BHD65U HAZ. LOC. BALLASTS (SPECIFY VOLTAGE) D4 < 10% THD (Consult Factory) E0 Low Temp Electronic (N/A T12 RS & VHO) E2 2 Electronic Ballasts E3 3 Electronic Ballasts E9 Rapid Start Electronic Ballast FUSING F1 GLR/HLR Fusing (Fast) F2 GMF/HLR Fusing (Slow) LENSING H5 .156 C73 Tempered Glass H6 .187 Clear Tempered Glass MISC R5 Specular Aluminum Reflector S1 Special Material (Consult Agent)	120V-277V/60Hz STD 347V/60Hz 50Hz & Other Voltages Available
32 F32T8 (4FT) 0° 48H F48T12/HO (4FT) -20° 48V F48T12/VHO Mag. (4FT) -20° 48T8H F48T8/HO (4FT) -20° 96H F96T12/HO (8FT) -20° 96T8 F96T8 (8FT) (59W) 50° 96T8H F96T8/HO (8FT) -20° 96V F96T12/VHO Mag. (8FT) -20°						

Project Information:

Information subject to change without notice. Lamps supplied by others.

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