

FEATURES & BENEFITS

INTENDED USE

The FHBI series open frame fluorescent high bay is a fully accessorized open frame fixture perfect for warehouse lighting. Premium full specular mirrored reflectors provide efficient lighting and maximum throw for medium to high mount applications. Built tough for industrial applications. Fully accessorized.

SIZE W x L x H in inches

4 lamp: 14.25W x 48L x 3.25D (370 x 1220 x 80)
 6 lamp: 21.25W x 48L x 3.25D (540 x 1220 x 80)
 8 lamp: 28.25W x 48L x 3.25D (720 x 1220 x 80)
 10 lamp: 35.3W x 48L x 3.25D
 12 lamp: 42.25W x 48L x 3.25D

MOUNTING

4 point chain mount (HC101 accessory available)
 2 point long chain mount (HC202 or HC203 acc available)
 2 point stem mount-1/2" -no accessories required
 Single point mount (7HBD accessory available)
 Not designed for surface mounting on ceiling or wall.

MATERIALS & FEATURES

Galvanized steel body. Code gauge. Lamps secured in twist lock lamp holders. Premium, full specular mirrored reflector with protective film. Multiple KOs and access plate on back for rapid wiring. Fixture efficiency greater than 83%.

LAMP

4, 6, 8, 10 or 12 T8, T5HO or T55 lamp positions

LISTING

Fixture & Ballast; UL listed
 Ballast: Thermally protected, class P, HPF
 Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts. Cord sets, whips, occupancy sensors, hanging kits, wire guards. Contact factory for additional options.



High Output Versions
 10 Light Pictured
 Also Available in 12 Light
 Available with uplight



ORDERING DATA

EXAMPLE: FHBI 4 32 MV

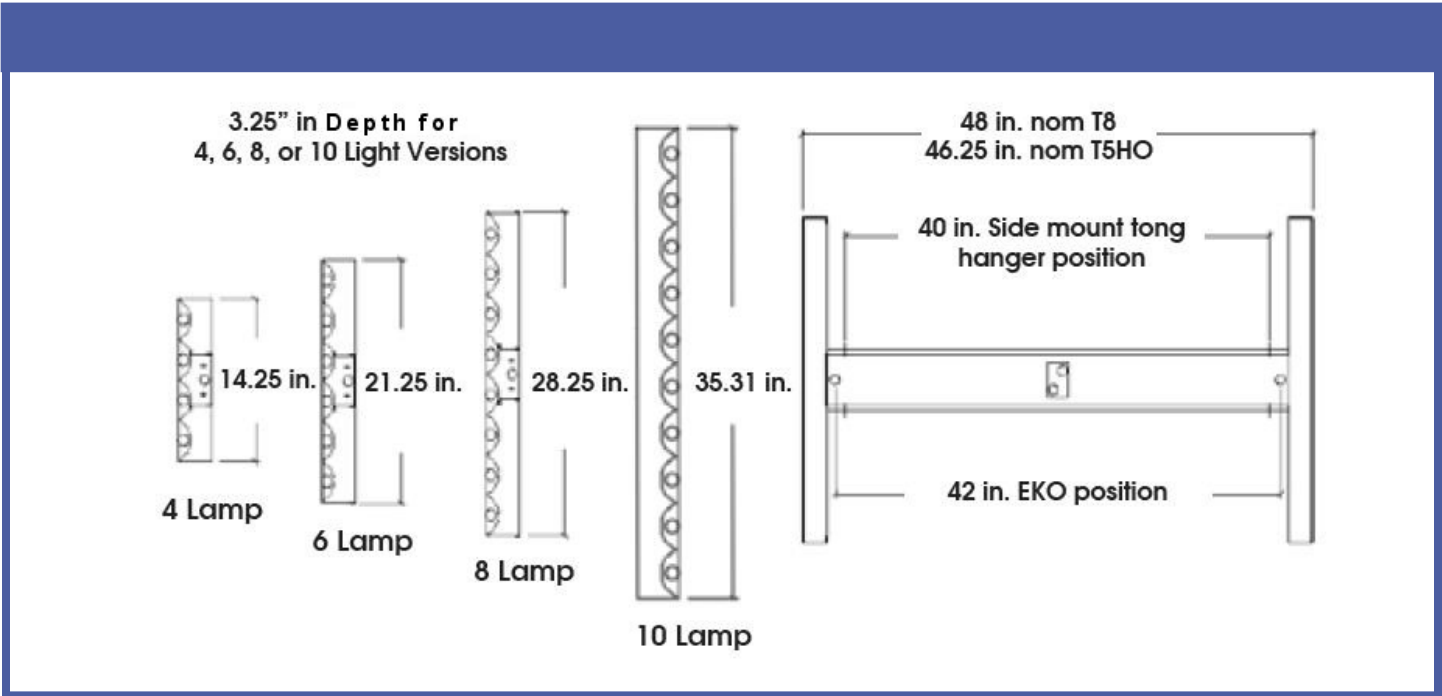
FHBI		Lamp Size		Reflector Type		Ballast Type		Options	
Series	# of Lamps								
FHBI	4 4 lamp 6 6 lamp 8 8 lamp 10 10 lamp 12 12 lamp	32 48" T8 54 46" T5HO		Blank Silver UP Silver Uplight W White		MV Multivolt PMV Program Multivolt 480V 480 Volt		B1 T8/T5 1L500 Lumen Battery Backup (B11) B2 T8/T5 1L/2L 700 Lumen Battery Backup (B48) B3 T8/T5 1L/2L 1400 Lumen Battery Backup (B223) B51 T5HO 1L 500 Lumen Battery Backup (B625) B52 T5HO 1L 800 Lumen Battery Backup (B585) B53 T5HO 1L 1300 Lumen Battery Backup (B626) OS Occupancy Sensor 11 Dual Ballasts 1 Lamp + 1 Lamp 21 Dual Ballasts 2 Lamp + 1 Lamp 22 Dual Ballasts 2 Lamp + 2 Lamp 31 Dual Ballasts 3 Lamp + 1 Lamp RIF Radio Interference Filter	

Brands	
Code No.	Description
A	Advance
G	GE Ballast
L	Lutron
S	Sylvania Ballast
U	Universal

Performance Levels			
Ballast			
Manufacturer	Standard - Leave blank if no preference	High Efficiency Instant Start	High Efficiency Program Start
Advance (A)	Centium ICN (A)	Optanium (AL, AN, AH)	Optanium PS (APL, APN ???)
GE (G)	Proline GE (G)	UltraMax (GL, GN, GH)	UltraStart (GPL, GPH, GPH)
Osram/Sylvania (S)	Quicktronic Pro (S)	Quicktronic QHE (SL, SN, SH)	ProStart (SPL, SPN, SPH)
Universal (U)	ULT STD Electronic (U)	HP Electronic (UL, UN, UH)	AccuStart (UPI, UPN, UPH)

* Battery Backup (#) if ordering separately
 Call factory for additional options.

DIMENSIONS



CAT#	
JOB NAME	TYPE

PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	10%	10%	10%
Ceiling	80%	80%	80%	70%	70%	50%	50%	0%
Wall	70%	50%	30%	70%	50%	50%	30%	30%
RCR Zonal cavity coefficients HBG432 Spacing Ratio Along1.2 Across 1.3								
0	1.12	1.11	1.11	1.09	1.08	0.98	0.98	0.93
1	1.02	0.97	0.93	1.00	0.95	0.87	0.85	0.81
2	0.94	0.86	0.79	0.91	0.84	0.78	0.73	0.70
3	0.86	0.76	0.68	0.84	0.74	0.69	0.64	0.61
4	0.80	0.68	0.60	0.77	0.67	0.63	0.57	0.55
5	0.74	0.61	0.53	0.72	0.60	0.57	0.51	0.49
6	0.68	0.56	0.47	0.66	0.55	0.52	0.46	0.44
7	0.64	0.51	0.43	0.62	0.50	0.48	0.42	0.40
8	0.60	0.47	0.39	0.58	0.47	0.45	0.38	0.37
9	0.56	0.44	0.36	0.55	0.43	0.41	0.35	0.34
10	0.53	0.40	0.33	0.52	0.40	0.39	0.32	0.32

Floor	20%	20%	20%	20%	20%	10%	10%	10%
Ceiling	80%	80%	80%	70%	70%	50%	50%	0%
Wall	70%	50%	30%	70%	50%	50%	30%	30%
RCR Zonal cavity coefficients HBG454 Spacing Ratio Along1.2 Across 1.3								
0	1.09	1.08	1.08	1.06	1.05	0.96	0.95	0.91
1	0.99	0.94	0.90	0.97	0.92	0.84	0.82	0.78
2	0.90	0.82	0.75	0.87	0.80	0.74	0.69	0.66
3	0.82	0.71	0.63	0.79	0.70	0.65	0.59	0.56
4	0.75	0.63	0.54	0.73	0.62	0.58	0.51	0.49
5	0.68	0.56	0.47	0.66	0.55	0.52	0.45	0.43
6	0.63	0.50	0.41	0.61	0.49	0.46	0.39	0.38
7	0.58	0.45	0.37	0.57	0.44	0.42	0.35	0.34
8	0.54	0.41	0.33	0.53	0.41	0.39	0.32	0.31
9	0.51	0.38	0.30	0.49	0.37	0.36	0.29	0.28
10	0.47	0.35	0.27	0.46	0.34	0.33	0.26	0.26

Floor	20%	20%	20%	20%	20%	10%	10%	10%
Ceiling	80%	80%	80%	70%	70%	50%	50%	0%
Wall	70%	50%	30%	70%	50%	50%	30%	30%
RCR Zonal cavity coefficients HBG632 Spacing Ratio Along1.2 Across 1.3								
0	1.11	1.10	1.10	1.08	1.08	0.98	0.97	0.93
1	1.02	0.97	0.92	0.99	0.95	0.87	0.84	0.80
2	0.93	0.84	0.78	0.90	0.83	0.77	0.72	0.69
3	0.85	0.74	0.66	0.82	0.73	0.68	0.62	0.60
4	0.78	0.66	0.58	0.76	0.65	0.61	0.55	0.53
5	0.72	0.59	0.51	0.70	0.58	0.55	0.49	0.47
6	0.66	0.53	0.45	0.64	0.52	0.50	0.43	0.42
7	0.62	0.49	0.40	0.60	0.48	0.46	0.39	0.38
8	0.58	0.45	0.37	0.56	0.44	0.42	0.36	0.35
9	0.54	0.41	0.33	0.53	0.40	0.39	0.32	0.32
10	0.51	0.38	0.30	0.49	0.37	0.36	0.30	0.29

Floor	20%	20%	20%	20%	20%	10%	10%	10%
Ceiling	80%	80%	80%	70%	70%	50%	50%	0%
Wall	70%	50%	30%	70%	50%	50%	30%	30%
RCR Zonal cavity coefficients HBG654 Spacing Ratio Along1.2 Across 1.3								
0	1.13	1.13	1.13	1.10	1.11	1.00	1.00	0.94
1	1.03	0.97	0.93	1.00	0.95	0.87	0.84	0.80
2	0.93	0.84	0.77	0.91	0.82	0.76	0.71	0.68
3	0.85	0.73	0.65	0.82	0.72	0.67	0.61	0.58
4	0.77	0.65	0.56	0.75	0.64	0.60	0.53	0.51
5	0.71	0.58	0.48	0.69	0.56	0.53	0.46	0.44
6	0.65	0.51	0.42	0.63	0.51	0.48	0.41	0.39
7	0.61	0.47	0.38	0.59	0.46	0.44	0.37	0.35
8	0.57	0.43	0.34	0.55	0.42	0.40	0.33	0.32
9	0.53	0.39	0.31	0.51	0.38	0.37	0.30	0.29
10	0.49	0.36	0.28	0.48	0.35	0.34	0.27	0.27



CAT#		
JOB NAME		TYPE