

## APPLICATIONS

For high light output applications requiring a lensed enclosure for recessed or pendant mounting, the FHBG is an efficient choice, utilizing a troffer body modified with a reflector for enhanced output and light control and remoting the ballast above the body. Rugged steel body with hinged and latched door frame for lens options. Ballast housing above body provides cooler operation for longer life. This fixture is not designed to be surface mounted on ceiling or wall

### SIZE W x L x H in inches (mm)

23.75W x 47.75L x 6.0H (605 x 1215 x 155)

## FEATURES & BENEFITS

- ◆ 4 or 6 T8, T5HO or T5 lamp positions
- ◆ 4 point chain mount (101HC accessory available)
- ◆ Recessed grid - no accessories required
- ◆ Baked white enamel code gauge steel
- ◆ Premium full specular
- ◆ White enamel door frame, optional lens materials
- ◆ Rear mounted ballast enclosure, aluminum



## ORDERING INFORMATION

Example: **FHBGA125654MV**

### FHBG

Series	Lamp Count	Reflector	Lamp Type	Ballast Type	Lens Material
<b>FHBG</b> Fluorescent HiBay Grid Mount, Hinged & Latched Door Frame	<b>4</b> <b>6</b> (Lamps not included)	<b>Blank</b> Full Specular (Mirrored)	<b>32</b> 48 in. T8 <b>54</b> 46 in T5HO	<b>120</b> 120 Volt <b>277</b> 277 Volt <b>MV</b> Multivolt <b>H120</b> Electronic, 120V HiLume <b>H277</b> Electronic, 277V HiLume <b>HMV</b> Electronic, MV HiLume	<b>A</b> Prismatic Acrylic #12 Pattern 0.100 <b>A125</b> Prismatic Acrylic #12 Pattern 1/8" <b>A19</b> 0.156 A19 Prismatic <b>CL</b> 0.100 Clear Acrylic <b>CL125</b> 0.125 Clear Acrylic

### Options

- B1** T8/T5 1L 500 Lumens Battery Backup (B11)
- B2** T8/T5 1L/2L 700 Lumens Battery Backup (B48)
- B3** T8/T5 1L/2L 1400 Lumens Battery Backup (B223)
- B51** T5HO 1L 500 Lumens Battery Backup (B625)
- B52** T5HO 1L 800 Lumens Battery Backup (B585)
- B53** T5HO 1L 1300 Lumens Battery Backup (B626)
- 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
- L41** 741K Lamps Installed
- L35** 735K Lamps Installed
- L841** 841K Lamps Installed
- L835** 835K Lamps Installed
- RIF** Radio Interference Filter
- WG** Wire guard
- WP** Whip 6Ft. 3 Wire
- WP4** Whip 6Ft. 4 Wire

### 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)

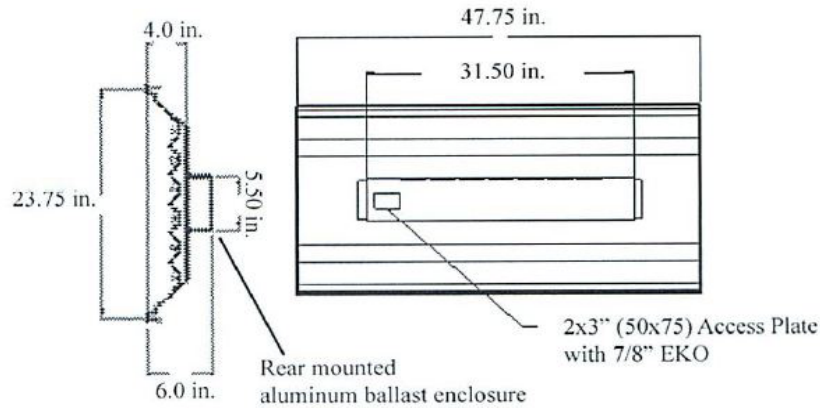
### Note:

0.100 NOT recommended for 454, 654 or 632

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

Dimensions and specifications subject to change without notice.

**DIMENSIONS**



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 HBR432 Spacing ratio Along 1.2 Across 1.3								
0	0.97	0.96	0.95	0.94	0.94	0.85	0.85	0.81
1	0.90	0.87	0.84	0.88	0.85	0.78	0.76	0.73
2	0.84	0.78	0.73	0.82	0.76	0.71	0.67	0.65
3	0.77	0.69	0.63	0.76	0.68	0.64	0.60	0.58
4	0.72	0.63	0.56	0.70	0.62	0.58	0.54	0.52
5	0.67	0.57	0.50	0.65	0.56	0.53	0.48	0.47
6	0.62	0.52	0.45	0.60	0.51	0.49	0.43	0.42
7	0.58	0.47	0.41	0.57	0.47	0.45	0.39	0.38
8	0.54	0.44	0.37	0.53	0.43	0.41	0.36	0.35
9	0.51	0.40	0.34	0.50	0.40	0.38	0.33	0.32
10	0.48	0.37	0.31	0.47	0.37	0.36	0.31	0.30

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 HBR654 Spacing ratio Along 1.2 Across 1.3								
0	00.89	0.89	0.88	0.87	0.87	0.79	0.78	0.75
1	0.84	0.80	0.77	0.82	0.78	0.72	0.70	0.67
2	0.77	0.72	0.67	0.75	0.70	0.65	0.62	0.60
3	0.72	0.64	0.58	0.70	0.63	0.59	0.55	0.53
4	0.66	0.58	0.52	0.65	0.57	0.54	0.49	0.48
5	0.61	0.52	0.46	0.60	0.51	0.49	0.44	0.43
6	0.57	0.47	0.41	0.56	0.47	0.45	0.40	0.39
7	0.53	0.43	0.37	0.52	0.43	0.41	0.36	0.35
8	0.50	0.40	0.34	0.49	0.40	0.38	0.33	0.32
9	0.47	0.37	0.31	0.46	0.36	0.35	0.30	0.30
10	0.44	0.34	0.28	0.43	0.34	0.33	0.28	0.27

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 HBR632 Spacing ratio Along 1.2 Across 1.3								
0	0.96	0.95	0.95	0.94	0.93	0.85	0.84	0.80
1	0.90	0.86	0.83	0.88	0.84	0.77	0.75	0.72
2	0.83	0.77	0.71	0.81	0.75	0.70	0.66	0.64
3	0.76	0.68	0.62	0.74	0.67	0.63	0.59	0.56
4	0.71	0.62	0.55	0.69	0.61	0.57	0.52	0.50
5	0.66	0.55	0.49	0.64	0.55	0.52	0.47	0.45
6	0.61	0.50	0.43	0.59	0.49	0.47	0.42	0.41
7	0.57	0.46	0.39	0.55	0.45	0.43	0.38	0.37
8	0.53	0.42	0.36	0.52	0.42	0.40	0.35	0.64
9	0.50	0.39	0.33	0.49	0.38	0.37	0.32	0.31
10	0.47	0.36	0.30	0.46	0.36	0.34	0.29	0.28

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