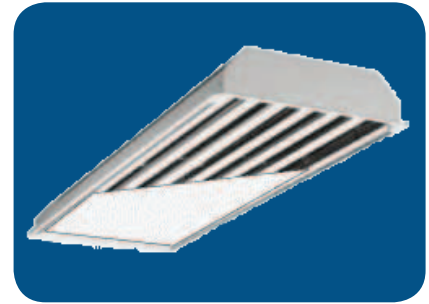


# HBPDF Series

Fluorescent HiBay, Enclosed Body,  
Hinged & Latched Door Frame



## FEATURES & SPECIFICATIONS

### INTENDED USE

The HBPDF is a full body high bay fluorescent with a hinged and latched door frame and lens. The HBPDF is typically used in applications where lamps must be visually obscured, or protected from the environment. The white housing provides a clean appearance, protects lighting components, and carries premium specular mirrored reflectors for maximum efficiency. The HBPDF is a fully accessorized fixture for commercial applications.

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

4 lamp: 15.0W x 48.0L x 4.50H

6 lamp: 21.1W x 48.0L x 4.50H

### MOUNTING

4 Point chain mount (101HC accessory available)

2 Point Stem mount - 1/2" (no accessory available)

Single Point mount (5HBD accessory available)

Surface mount—no accessories required

### MATERIALS & FEATURES

Baked white enamel code gage steel

Premium full specular reflector

White enamel door frame, optional lens materials

Acrylic lenses available in many materials & patterns.

Contact factory for complete listing.

### LAMP

Four or Six T8, T5HO, or T5.5 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.

## ORDERING INFORMATION

Example: HBPDFA125654MV

HBPDF	A125	6	54		MV	
<b>Series</b>		<b>Lamp Count</b>	<b>Lamp Type [1]</b>		<b>Ballast &amp; Voltage [1]</b>	
HBPDF Fluorescent HiBay Enclosed Body		4 or 6 Lamps Not included	32 48 in. T8 54 46 in. T5HO		E120 Electronic, 120V E277 Electronic, 277V MV Electronic, Multivolt (120-277) H120 Electronic, 120V, Hi-Lume [3] H277 Electronic, 277V, Hi-Lume [3] HMV Electronic, Multivolt, Hi-Lume [3]	
	<b>Lens Material</b>			<b>Reflector [2]</b>		<b>Options [1]</b>
	A Prismatic Acrylic #12 Pattern 0.100 A125 Prismatic Acrylic #12 Pattern 1/8" A19 0.156 A19 Prismatic CL 0.100 Clear Acrylic CL125 0.12 Clear Acrylic			Blank Full Specular (Mirrored) W >92% White		CS 5-15P 120V 8ft. Cord & Plug CS12 L7-15P 277V 8ft. Cord & Plug CS08 8ft. Cord, No Plug WP 6 ft. 3 wire, Whip WP10 6 ft. 4 wire, Whip EM Emergency ballast, 500 lumens EM14 Emergency ballast, 1400 lumens
	<b>Note:</b> 0.100 NOT Recommended for 454, 654, or 632.			<b>Accessories</b>		<b>Note:</b> EM14 required for T5HO lamps. Consult factory for occupancy and daylight sensors.
				<b>Order as Separate Part Number</b>		
				HC101 Chain kit, Includes: 4 S Hooks and 20ft. chain HBPDF4WG Wire Guard, 4 Lamp Unit HBPDF6WG Wire Guard, 6 Lamp Unit 5HBD Single Point Hanger		T8 & T5HO Lamps, all colors. Ask about the new T5.5 lamp. Operates on any T8 ballast, fits any 48" T8 fixture.

### Notes

[1] See end of T02HiBay for many additional lamps, ballasts, finishes, and options.

[2] Custom reflectors available to create any light distribution.

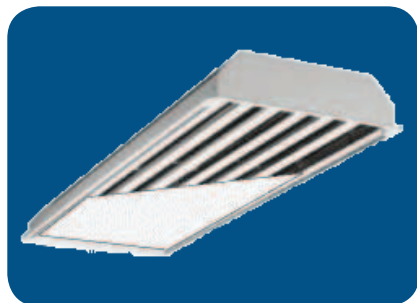
[3] HiLume and LoLume ballasts available for T8 lamps only.

Catalog Number:

Notes:

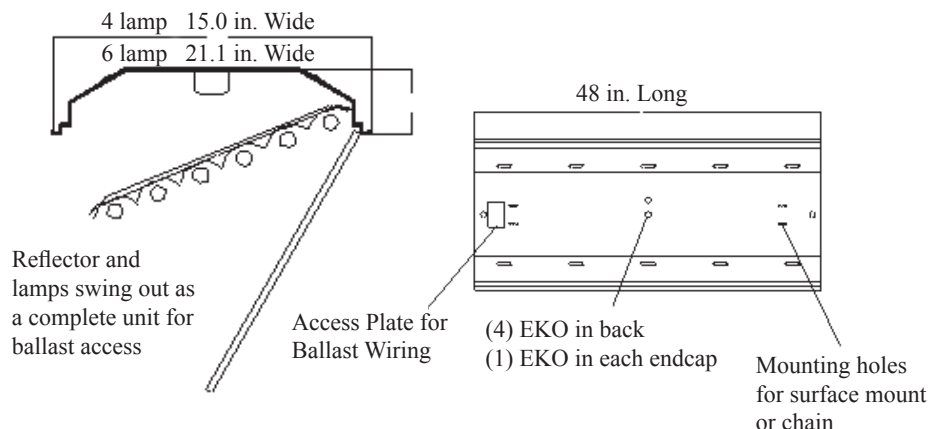
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## DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



## 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 HBPDF432			Spacing ratio. Along 1.2		Across 1.3		
0	1.08	1.07	1.07	1.05	1.05	0.95	0.95	0.90
1	0.98	0.93	0.89	0.96	0.91	0.84	0.81	0.77
2	0.89	0.81	0.74	0.87	0.79	0.73	0.69	0.66
3	0.81	0.71	0.63	0.79	0.69	0.65	0.59	0.56
4	0.75	0.63	0.54	0.72	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	0.40	0.38
7	0.58	0.45	0.37	0.57	0.44	0.42	0.36	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	0.27	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 HBPDF454			Spacing ratio. Along 1.2		Across 1.3		
0	1.11	1.10	1.11	1.08	1.08	0.98	0.87	0.93
1	1.02	0.98	0.94	1.00	0.96	0.88	0.86	0.82
2	0.94	0.87	0.80	0.92	0.85	0.79	0.75	0.71
3	0.87	0.77	0.69	0.84	0.75	0.71	0.65	0.63
4	0.80	0.69	0.61	0.78	0.68	0.64	0.58	0.56
5	0.74	0.62	0.54	0.72	0.61	0.58	0.52	0.50
6	0.69	0.56	0.48	0.67	0.55	0.53	0.46	0.45
7	0.64	0.52	0.44	0.62	0.51	0.49	0.42	0.41
8	0.60	0.48	0.40	0.59	0.47	0.45	0.39	0.38
9	0.56	0.44	0.36	0.55	0.43	0.42	0.35	0.35
10	0.53	0.41	0.33	0.52	0.40	0.39	0.33	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 HBPDF632			Spacing ratio. Along 1.2		Across 1.3		
0	1.07	1.06	1.06	1.04	1.03	0.94	0.94	0.89
1	0.98	0.93	0.90	0.96	0.91	0.84	0.82	0.78
2	0.90	0.82	0.76	0.88	0.81	0.75	0.71	0.68
3	0.82	0.73	0.66	0.80	0.71	0.67	0.62	0.59
4	0.76	0.65	0.57	0.74	0.64	0.60	0.55	0.53
5	0.70	0.58	0.51	0.68	0.58	0.54	0.48	0.47
6	0.65	0.53	0.45	0.63	0.52	0.49	0.43	0.42
7	0.60	0.48	0.41	0.59	0.48	0.45	0.39	0.38
8	0.57	0.44	0.37	0.55	0.44	0.42	0.36	0.35
9	0.53	0.41	0.34	0.52	0.40	0.39	0.33	0.32
10	0.50	0.38	0.31	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 HBPDF654			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	0.88	0.85	0.81	0.86	0.83	0.76	0.74	0.71
2	0.81	0.75	0.70	0.79	0.74	0.68	0.65	0.62
3	0.75	0.67	0.60	0.73	0.65	0.61	0.57	0.55
4	0.69	0.60	0.53	0.68	0.59	0.56	0.51	0.49
5	0.64	0.54	0.47	0.62	0.53	0.50	0.45	0.44
6	0.59	0.49	0.42	0.58	0.48	0.46	0.40	0.39
7	0.55	0.45	0.38	0.54	0.44	0.42	0.37	0.36
8	0.52	0.41	0.35	0.51	0.41	0.39	0.34	0.33
9	0.49	0.38	0.32	0.48	0.38	0.36	0.31	0.30
10	0.46	0.35	0.29	0.45	0.35	0.34	0.28	0.28

Catalog Number:
Notes: