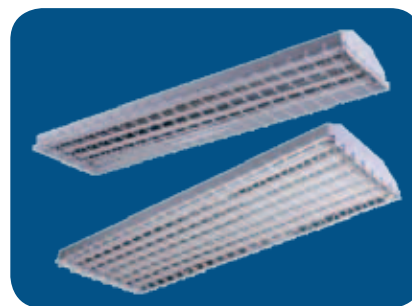


HBT Series

Fluorescent HiBay,
Enclosed Body, Economy



FEATURES & SPECIFICATIONS

INTENDED USE

The HBT is an economy version of the full body high bay fluorescent, yet still provides the premium mirrored reflectors for high efficiency lighting. Post painted for superior appearance and appeal, the HBT is suitable for modern commercial and retail environments, and gymnasiums when fitted with optional wire guards. The fixtures are typically provided with premium mirrored reflectors suitable for medium to high mount positions.

SIZE W x L x H in inches (mm)

4 lamp: 13.38W x 48.5L(T8) or 47L(T5) x 4.25H

6 lamp: 18.50W x 48.5L(T8) or 47L(T5) x 4.25H

LAMP

4 or 6 T8, T5HO, or T5.5 lamp positions

MOUNTING

4 Point chain mount (Chain kit included)

MATERIALS & FEATURES

Baked white enamel code gage steel

Premium full specular mirrored reflector

Multiple KOs and access plate

Access to ballast from above so no need to remove lamps or reflector.

Shown with
Door frame

LISTING

Fixture & Ballast: UL Listed

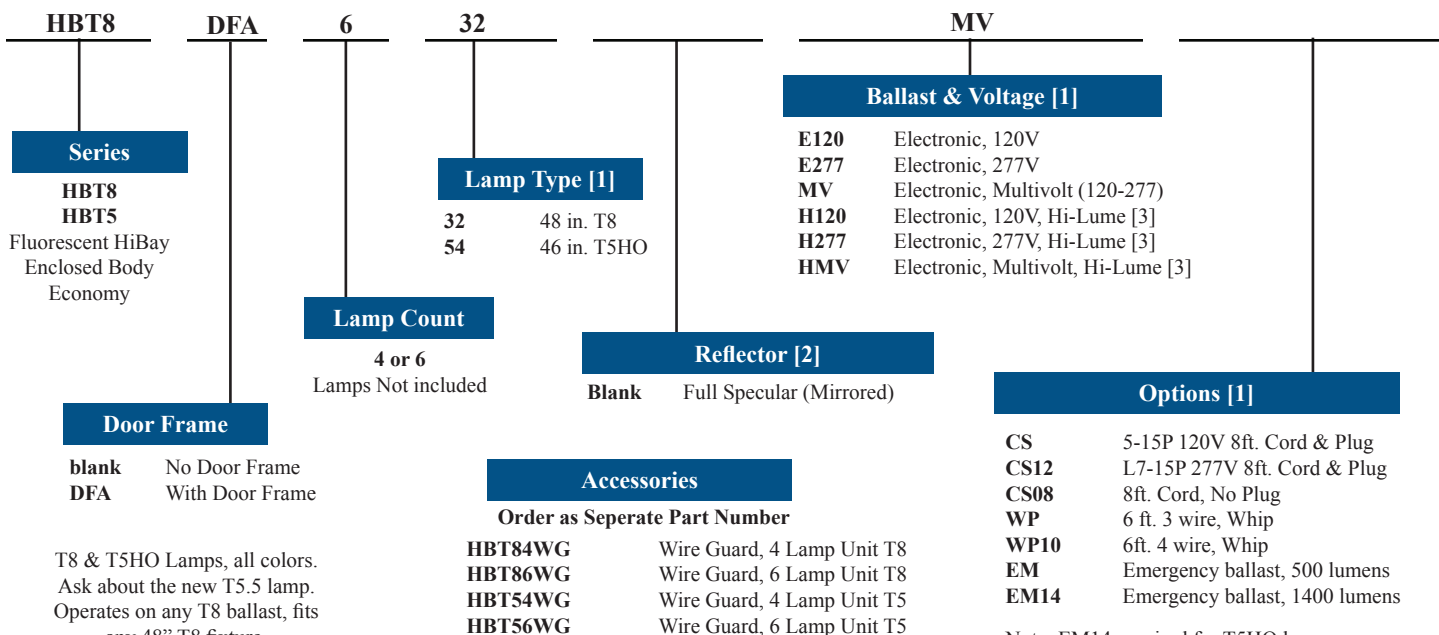
Ballast: Thermally protected, class P, HPF,
Non PCB

TYPICAL OPTIONS AND ACCESSORIES

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

ORDERING INFORMATION

Example: HBT8DFA632MV



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.

Note: EM14 required for T5HO lamps

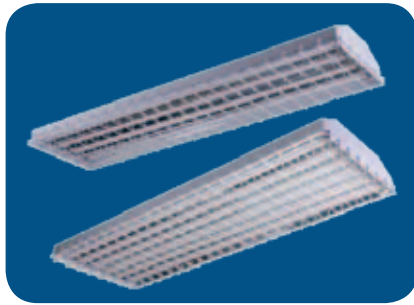
Consult factor for occupancy and daylight sensors.

Catalog Number:

Notes:

HBT Series

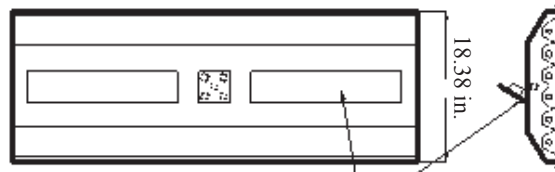
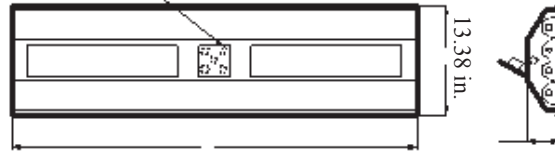
Fluorescent HiBay,
Enclosed Body, Economy



DIMENSIONS

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

Center access plate KO in
back & ends



Ballast access from
back of fixture.

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 HBT432			Spacing ratio. Along 1.2 Across 1.3				
0	1.12	1.13	1.12	1.10	1.09	0.99	0.99	0.94
1	1.03	0.97	0.93	1.00	0.95	0.87	0.85	0.81
2	0.93	0.85	0.78	0.91	0.83	0.77	0.72	0.69
3	0.85	0.74	0.66	0.83	0.73	0.68	0.62	0.59
4	0.78	0.66	0.57	0.76	0.64	0.61	0.54	0.52
5	0.71	0.58	0.50	0.69	0.57	0.54	0.47	0.45
6	0.66	0.52	0.43	0.64	0.51	0.49	0.42	0.40
7	0.61	0.47	0.39	0.59	0.47	0.44	0.37	0.36
8	0.57	0.43	0.35	0.55	0.43	0.41	0.34	0.33
9	0.53	0.40	0.32	0.52	0.39	0.37	0.31	0.30
10	0.50	0.36	0.29	0.48	0.36	0.35	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 HBT454			Spacing ratio. Along 1.2 Across 1.3				
0	1.14	1.14	1.14	1.12	1.11	1.01	1.01	0.96
1	1.06	1.01	0.97	1.03	0.99	0.91	0.88	0.84
2	0.97	0.89	0.83	0.95	0.88	0.81	0.77	0.74
3	0.90	0.80	0.72	0.87	0.78	0.73	0.68	0.65
4	0.83	0.72	0.63	0.81	0.70	0.66	0.60	0.58
5	0.77	0.64	0.56	0.75	0.63	0.60	0.54	0.52
6	0.71	0.58	0.50	0.69	0.57	0.55	0.48	0.47
7	0.66	0.53	0.45	0.65	0.53	0.50	0.44	0.43
8	0.62	0.49	0.41	0.61	0.49	0.47	0.40	0.39
9	0.58	0.46	0.38	0.57	0.45	0.43	0.37	0.36
10	0.55	0.42	0.35	0.54	0.42	0.40	0.34	0.33

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 HBT632			Spacing ratio. Along 1.2 Across 1.3				
0	1.10	1.10	1.10	1.08	1.07	0.97	0.97	0.92
1	1.02	0.97	0.93	0.99	0.95	0.87	0.85	0.81
2	0.93	0.86	0.79	0.91	0.84	0.78	0.74	0.70
3	0.86	0.76	0.68	0.83	0.74	0.70	0.64	0.62
4	0.79	0.68	0.60	0.77	0.67	0.63	0.57	0.55
5	0.73	0.61	0.53	0.71	0.60	0.57	0.51	0.49
6	0.68	0.55	0.47	0.66	0.54	0.52	0.45	0.44
7	0.63	0.50	0.42	0.61	0.50	0.47	0.41	0.40
8	0.59	0.46	0.39	0.58	0.46	0.44	0.38	0.36
9	0.55	0.43	0.35	0.54	0.42	0.41	0.34	0.33
10	0.52	0.39	0.32	0.51	0.39	0.38	0.32	0.31

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 HBT654			Spacing ratio. Along 1.2 Across 1.3				
0	1.01	1.01	1.00	0.99	0.99	0.90	0.89	0.85
1	0.94	0.90	0.86	0.92	0.88	0.81	0.79	0.75
2	0.87	0.80	0.74	0.84	0.78	0.73	0.69	0.66
3	0.80	0.71	0.64	0.78	0.70	0.65	0.61	0.58
4	0.74	0.64	0.57	0.72	0.63	0.59	0.54	0.52
5	0.68	0.58	0.50	0.67	0.57	0.54	0.48	0.47
6	0.63	0.52	0.45	0.62	0.51	0.49	0.43	0.42
7	0.59	0.48	0.41	0.58	0.47	0.45	0.40	0.38
8	0.56	0.44	0.37	0.54	0.44	0.42	0.36	0.35
9	0.52	0.41	0.34	0.51	0.40	0.39	0.33	0.32
10	0.49	0.38	0.31	0.48	0.37	0.36	0.31	0.30

Catalog Number:
Notes: