



Texas Fluorescents
Reinvented

FEATURES & SPECIFICATIONS

INTENDED USE

For high light output applications requiring a lensed enclosure for recessed, surface, or pendant mounting, the HB131 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.

SIZE W x L x H in inches (mm)

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

LAMP

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

MOUNTING

4 Point chain mount (101HC accessory available)

Recessed grid —no accessories required

MATERIALS & FEATURES

Baked white enamel code gage steel

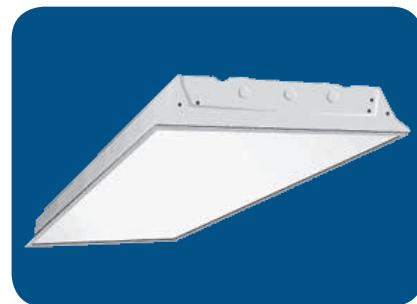
Premium full specular reflector

White enamel door frame, optional lens materials

Rear mounted ballast enclosure, aluminum.

HB131 Series

Fluorescent HiBay, Grid Mount,
Hinged & Latched 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.

Note

HB131 is available in 632, 454, and 654. For 4 lamp T8, see standard 131 with mirrored reflector.

ORDERING INFORMATION

Example: HB131A125654MV

HB131	A125	6	54	MV
Series	Lamp Count			Ballast & Voltage [1]
HB131	4 or 6 Lamps Not included		Lamp Type [1]	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]
Fluorescent HiBay Enclosed Body		32	48 in. T8 54 46 in. T5HO	
Lens Material			Reflector [2]	
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)	Options [1]
Accessories				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
Note				Note: EM14 required for T5HO lamps Consult factory for occupancy and daylight sensors.
0.100 NOT recommended for 454, 654, or 632.				
Order as Separate Part Number				
HC101 Chain kit, Includes: 6 S Hooks and 20ft. chain 1312X4WG Wire Guard, Mounts in door frame				

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.

T8 & T5HO Lamps, all colors.

Ask about the new T5.5 lamp.

Operates on any T8 ballast, fits any 48" fixture.

Saylite

2055 Luna Rd. Suite 142 Carrollton, TX 75006

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www.saylite.com email: sales@saylite.com

Catalog Number:

Notes:



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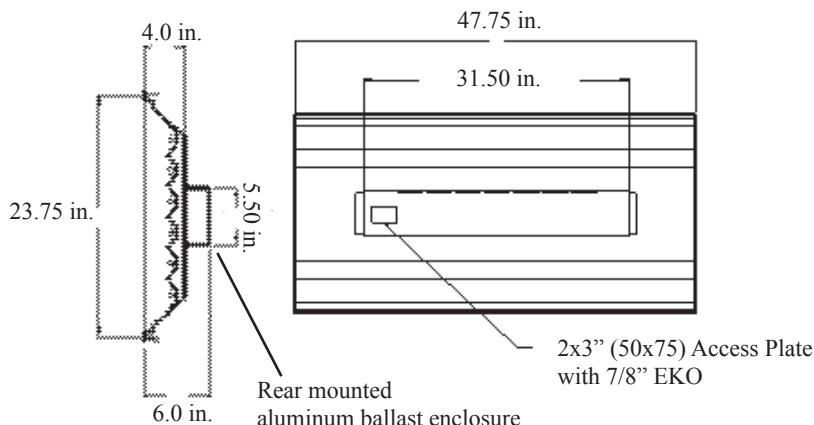


HB131 Series

Fluorescent HiBay, Grid Mount,
Hinged & Latched Door Frame

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 HB131432 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 HB131654 Spacing ratio. Along 1.2 Across 1.3

0	0.89	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 HB131632 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	0.34
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