

Maximum versatility,
highly
efficient
and simple to use.

T-BAY FHT WIDE BODY SERIES



INDUSTRIAL FLUORESCENT HIGH BAY 20" WIDE BODY, 4' LENGTH

T-Bay represents the most cost effective full-body fluorescent high bay on the market while showing one of the highest efficiency with 92.7% light output from the luminaire.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: FHT4C5DXX632120H5

Series	Fixture Length	Reflector Type	Fixture Width	Light Directions	Lens/Shielding Type	Lamp in a Cross Section	Lamp	Voltage	Ballast Type	Options
FHT	4	C	5	D		6				
T-Bay	4 = 4' Length	C = Countoured Specular Inside Reflector	5 = 20"	D = Downlight	XX = No Shielding X3 = No Shielding/ 3' Cord and Twist Lock Plug X6 = No Shielding/ 6' Cord and Twist Lock Plug	6 = 6 Lamps	32 = 32W T8 54 = 54W T5HO	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	P6 = T5HO Elect. P.S. 4 Lamp Outside/ 2 Lamp Inside THD<10% P7 = T5HO Elect. P.S. One 3 Lamp Ballast to Operate Lamps 1, 3 and 5. One 3 Lamp Ballast to Operate Lamps 2, 4 and 6 THD <10% H5 = T8 Elect. I.S. 4 Lamp Outside/ 2 Lamp Inside THD<10% H6 = T8 Elect. I.S. Two 3 Lamp THD <10%	Add Appropriate Suffix to Catalog No.

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Features

- Low profile, full body housing.
- QuickHang system perfect for HID retrofit.
- Top access plate located at each end for easy installation and maintenance.
- Architectural post painted finish eliminates exposed edges for safe handling and rust protection.
- Contoured Miro IV reflector with 95% reflectivity surrounding each lamp for optimum efficiency.

Specifications

Materials: Chassis parts are die-formed code 22 gauge cold rolled steel.

Finish: Exterior chassis post painted in a white baked polyester powder coat finish.

Cavity: Post painted in a white baked polyester powder coat finish.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°C.

Labels: cUL listed

This product may have a mercury containing lamp. Manage in accord with Disposal Laws.

See: www.lamprecycle.org

Options/Accessories

Emergency Power Pack: Factory installed emergency power pack includes charger and inverter concealed in fixture channel. Upon loss of AC power, operates one lamp at high lumen output for a period of 90 minutes (Consult your Philips Lighting representative).

Bulk Pack: Suffix **Z**.

FHTWG5: Wireguard for wide unit.

FHTLN5: Prismatic wrap lens for wide unit.

FHTWG5-VA: Wireguard with acrylic prismatic lens.

EE9HC: Mounting chain set (Two 24" chains with sturdy "V" hooks grip luminaire at 4 knockout points for level suspension. Two kits required per luminaire.)

FHTMTG: Mounting plate.

FH360: Field-installed motion sensor, luminaire mounted (accepts 120 to 347V).

FH110: Field-installed motion sensor, remote-mounted.

FHP20-X: Power pack (X = Voltage of 120, 277 or 347V).

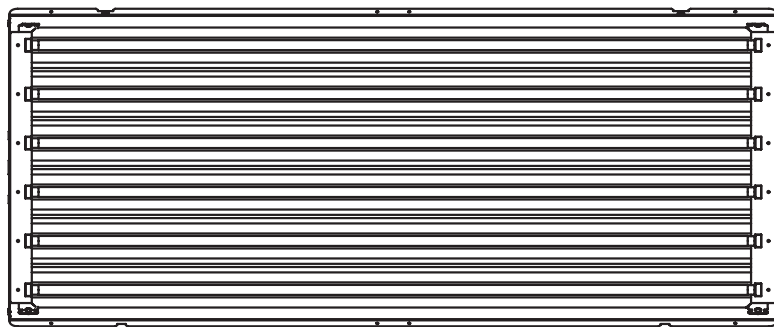
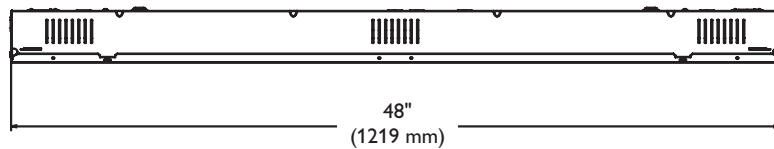
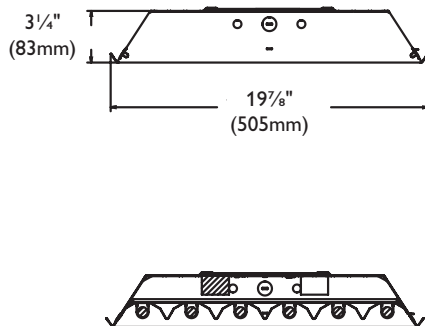
FHTLN5-VA: Clear acrylic prismatic lens/door frame.

FHTLN5-GI: Clear acrylic lens/door frame.

FHTCP: Center mount for 3/4" pipe includes hardware and box (Consult your Philips Lighting representative).

FHTCH: Center mount with hook includes hardware, hook and box with fixture balanced (Consult your Philips Lighting representative).

Dimensions



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Performance

Report Number: LM-63-2002

Catalog No: FHT4C5DXX632120H5

Lamp Type: 6 32WT8HO

Lumens per Lamp: 2950

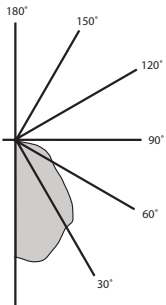
Lumen Input Watts: 215.3

Candela at Nadir: 5616 cd

Total Efficiency: 88.5%

Candela Distribution

Angle	Along	22.5	45.0	67.5	Across
0	5616	5616	5616	5616	5616
5	5641	5608	5588	5520	5472
10	5565	5506	5462	5371	5318
15	5446	5358	5275	5180	5135
20	5276	5159	5054	5024	4944
25	5057	4908	4869	4675	4559
30	4800	4624	4540	4274	4230
35	4495	4311	4097	4076	4075
40	4160	3988	3775	3924	3907
45	3783	3621	3540	3647	3562
50	3374	3123	3268	3129	3001
55	2938	2655	2852	2608	2566
60	2471	2291	2261	2256	2273
65	1992	1931	1846	1974	1987
70	1505	1482	1551	1669	1678
75	1026	987	1235	1341	1350
80	561	690	891	964	954
85	171	372	450	449	447
90	2	8	19	34	58



Coefficients of Utilization

RC	80%				70%				50%		
RW	70	50	30	10	70	50	30	10	50	30	10
RCR	Zonal Cavity Method Effective Floor Cavity Reflectance = .20										
1	97	92	89	85	94	91	87	84	87	84	81
2	88	81	75	70	86	79	74	69	76	72	68
3	80	71	65	59	78	70	64	58	68	62	57
4	74	64	56	50	72	62	56	50	60	54	49
5	68	56	48	42	66	55	48	42	53	47	42
6	62	50	43	37	60	49	42	37	48	41	36
7	57	45	38	32	56	45	37	32	43	36	32
8	53	41	33	28	51	40	33	28	39	32	28
9	49	37	29	24	47	36	29	24	35	28	24
10	45	33	26	21	44	33	26	21	32	25	21

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	4232	23.91	27.01
0-40	6859	38.75	43.77
0-60	12,061	68.14	76.97
0-90	15,669	88.53	100.00
40-90	8810	49.77	56.23
60-90	3607	20.38	23.03
90-180	0	0	0
0-180	15,669	88.53	100.00



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Specifications are subject to change without notice.
www.philips.com/luminaires

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