

Maximum versatility,
highly
efficient
and simple to use.

T-BAY FHT NARROW BODY SERIES



INDUSTRIAL FLUORESCENT HIGH BAY 14" NARROW 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: FHT4C4DXX454120PG

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	4	D						
T-Bay	4 = 4' Length	C = Countoured Specular Inside Reflector	4 = 14"	D = Downlight	XX = No Shielding X3 = No Shielding/ 3' Cord and Twist Lock Plug X6 = No Shielding/ 6' Cord and Twist Lock Plug	2 = 2 Lamps 3 = 3 Lamps 4 = 4 Lamps	32 = 32W T8 54 = 54W T5HO	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	PG = T5/T5HO Elect. P.S. > One 2 Lamp THD<10% PU = T5HO Elect. P.S. One 3 Lamp THD <10% PV = T5/T5HO Elect. P.S. One 4 Lamp THD<10% HA = T8 Elect. I.S. One 2 Lamp HBF THD<10% HB = T8 Elect. I.S. One 3 Lamp HBF THD<10% HC = T8 Elect. I.S. One 4 Lamp HBF THD<10% H4 = T8 Elect. I.S. One 4 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: Add suffix **Z**.

FHTWG4: Wireguard for narrow unit.

FHTLN4: Prismatic wrap lens for narrow unit.

FHTWG4-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).

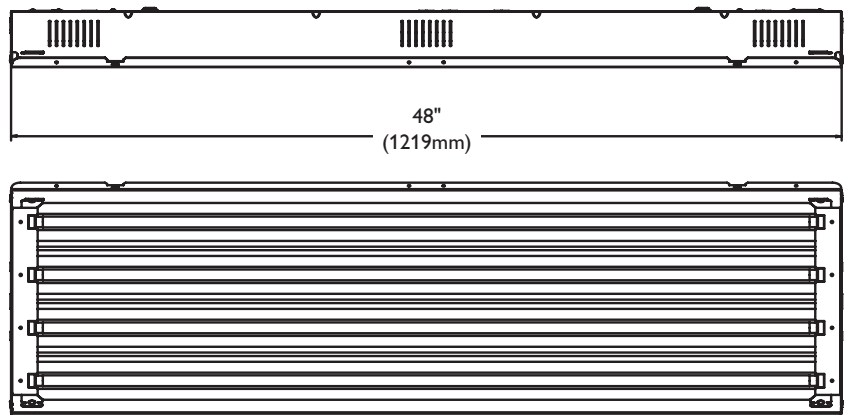
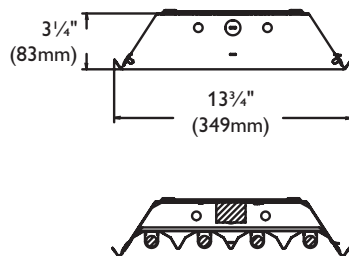
FHTLN4-VA: Clear prismatic lens/door frame.

FHTLN4-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

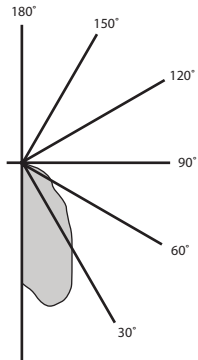
Catalog No: FHT4C4DXX454120PG

Lamp Type: 4 54W T5HO

Lumens per Lamp: 4400

Lumen Input Watts: 232

Total Efficiency: 92.7%



Candela Distribution

Angle	Along	22.5	45.0	67.5	Across
0	6437	6437	6437	6437	6437
5	6434	6503	6692	6813	6852
10	6351	6656	6920	6962	6983
15	6208	6683	6853	6853	6871
20	5998	6542	6645	6580	6512
25	5732	6294	6303	5976	5837
30	5412	5961	5741	5258	5120
35	5043	5566	5025	4667	4614
40	4634	5055	4341	4091	3936
45	4184	4431	3809	3366	3190
50	3699	3733	3140	2590	2414
55	3189	3026	2417	2070	2185
60	2656	2427	1734	2048	2126
65	2094	1805	1580	1702	1657
70	1533	1133	1297	1151	1088
75	992	787	776	600	541
80	511	481	298	184	150
85	138	95	41	39	38
90	0	0	0	0	0

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											
Room Cavity Ratio	1	102	98	94	91	99	96	93	90	92	89	87
	2	93	86	81	76	91	85	79	75	81	77	73
	3	86	77	69	64	83	75	69	63	72	67	62
	4	79	68	61	55	77	67	60	54	65	59	54
	5	73	61	54	48	71	60	53	47	59	52	47
	6	67	56	48	42	66	55	47	42	53	46	42
	7	63	51	43	37	61	50	43	37	49	42	37
	8	58	46	39	34	57	46	39	34	45	38	33
	9	55	43	35	30	53	42	35	30	41	35	30
	10	51	40	32	28	50	39	32	28	38	32	28

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5331.61	30.3	32.7
0-40	8467.27	48.1	51.9
0-60	13,714.05	77.9	84.0
0-90	16,317.27	92.7	100.0
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	16,317.27	92.7	100.0



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

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