

Ordering information

Explanation of Catalog Number. Example: **FHT4C4DXX454120PG**

FHT	4	C	4	D	XX	4	54	120	PG	
T-Bay	Fixture Length	Reflector	Fixture Width	Light Directions	Lens/Shielding Type	Lamp in X-Section	Lamp	Voltage	Ballast Type	Options
	4 = 4' Length	C = Contoured 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 : 120/277 120 277 347	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 catalogue number.

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

Options/Accessories

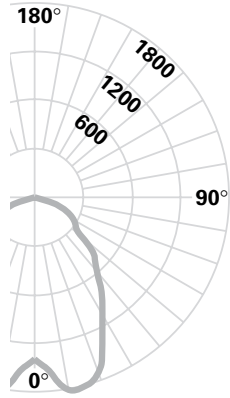
- Emergency Power Pack:**
- Factory installed emergency power pack includes charger and inverter concealed in fixture channel. Upon loss of AC power, operates one lamp at high lumen output for a period of 90 minutes. Consult factory
- Bulk Pack:**
- Add suffix Z
- FHTWG4:**
- Wireguard for narrow unit
- FHTLN4:**
- Prismatic wrap lens for narrow unit
- FHTWG4-VA:**
- Wireguard with acrylic prismatic lens

- EE9HC:**
- Mounting chain set (2 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 347 V)
- FH110:**
- Field-installed motion sensor, remote-mounted
- FHP20-X:**
- Power pack (X=voltage of 120, 277 or 347 V)
- 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 factory)
- FHTCH:**
- Center mount with hook includes hardware, hook and box with fixture balanced (consult factory)

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Performance

CANDLEPOWER CURVE 04



REPORT NO: LM-63-2002
CAT. NO: FHT4C4DX454120PG
4-54W High Output T5 Linear Fluorescent
Lamp rated at 4400 lumens each
Efficiency: 92.7%
Candela at Nadir: 6437cd

CANDLEPOWER

ZONE DEG	CANDLEPOWER				
	ALONG	22.5	45	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

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5331.61	30.3	32.7
0-40	8467.27	48.1	51.9
0-60	13714.05	77.9	84
0-90	16317.27	92.7	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	16317.27	92.7	100

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	Wall Reflectance											
	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	110	110	110	110	108	108	108	108	103	103	103	
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	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 232

Job Information **Type:**

CFI Fluorescent

525 Education Road, Cornwall, Ontario K6H 6C7 • (613) 938-6221 • Fax (613) 938-0961
We reserve the right to change details of design, materials and finish.
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Canlyte

3015 Louis-Amos, Lachine, Québec H8T 1C4 • (514) 636-0670 • (514) 636-0460

www.canlyte.com

RO-02/19