

Ordering Information

Explanation of Catalog Number. Example: FH4C4DXX4321SMLE

FH	4	C	4	D	XX	4	32	1	SML	E
Series	Fixture Length	Reflector Type	Width	Type	Shielding/ Cord	Lamp quantity in a luminaire cross-section	Lamp/Type	Voltage		Options
FH TriLyte Series	4 = 4' (4-lamp) 8 = 8' (4-lamp only)	C Countoured Miro IV reflector	4 = 17"	D Downlight	XX No shielding X3 3' cord and 15 amp twist lock plug X6 6' cord and 15 amp twist lock plug C6 6' cord only	4 = 4-lamp	32 = 32W T8 54 = 54W T5HO	1 120 2 277 3 347 U 120/277V		E 1-lamp emergency pack for T5HO (Bodine LP600) O 1-lamp emergency pack for T8 (Bodine B100-CAN)

SML Smart Lighting (Philips Alto® or Alto II™ 841 lamps, Philips Advance elect. PS. ballast and LampMaximizer™ sensor.) Bulk Pack.

Features

- **Complete system** integrating motion sensor and Philips lamps, ballast, and lighting fixture
- **Lamps** Low Mercury Philips Alto II™ T8 lamps (Philips F32T8/TL841/ALTO II, 4100K, 2850 initial lumens) or Alto® T5HO lamps (Philips F54T5/841/HO/ALTO, 4100K, 5000 initial lumens) showing 95% lumen maintenance and reduced lamp-end blackening. For other lamp colour temperatures, consult your sales representative.
- 4-lamp models (Narrow-body) – Available in 4' and 8' lengths
- 6-lamp models (Wide-body) – Available in 4' length only
- **Sensor** LampMaximizer™ optimizes lamp life and energy costs while reducing maintenance costs. Circular detection with passive infrared for 30-40 ft diameter coverage. Green LED on the sensor will blink constantly for 31 days once 70% of the projected lamp life has been reached.
- **Ballast** Philips Advance programmed start electronic ballast. Total Harmonic Distortion of <10%.
- Rated for ballast case temperature up to 90°C. Tested to operate at ambient temperatures of 55°C (6-lamp version without lens). For lens applications, consult your Canlyte representative.
- **Guarantee** 3-year guarantee on all components including lamps, ballasts, sensor and any other component installed on the product by the factory. Properly installed product that Canlyte determines to be defective will be repaired or replaced at Canlyte's discretion. (The warranty covers the repair or replacement of the product and does not extend to transportation, installation or replacement charges. No other warranty, either expressed or implied, beyond this statement is included. Consult your Canlyte representative for further information.)

- **Body** One-piece post-painted housing providing clean, smooth, installation-friendly corners.
- **Reflector** Contoured Miro IV reflector offers optimum performance and 95% reflectivity.
- **Mounting** Choice of stem, surface or chain mounting. 12' to 45' mounting height with suitable lamp-reflector-lens mix.
- **Bulk Pack** Sold in bulk pack only.

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

CFI Fluorescent

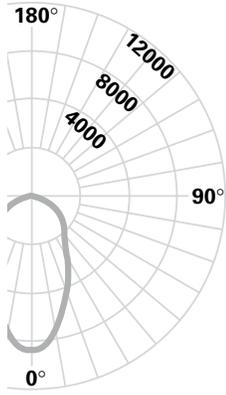
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CANDLEPOWER CURVE 120CV



REPORT NO: LSC A590
 CAT. NO: FH4C4DXX4541SML
 4 54W T5HO lamp rated at 4400 lumens.
 Efficiency: 86.2%
 Candela at Nadir: 8537cd

CANDLEPOWER

ZONE DEG	ALONG				ACROSS			
	22.5	45	67.5					
0	8537	8537	8537	8537	8537			
5	8532	8482	8393	8321	8265			
10	8424	8293	7992	7663	7495			
15	8225	7952	7324	6761	6543			
20	7938	7448	6549	5910	5635			
25	7602	6868	5743	4998	4703			
30	7179	6181	4938	4119	3863			
35	6679	5458	4141	3366	3190			
40	6124	4708	3358	2857	2794			
45	5510	3979	2724	2587	2509			
50	4842	3193	2270	2190	2174			
55	4153	2461	1959	1919	1956			
60	3424	1792	1625	1664	1630			
65	2666	1291	1355	1216	1138			
70	1943	949	979	805	760			
75	1218	646	542	460	391			
80	539	307	220	114	70			
85	53	49	0	0	0			
90	0	0	0	0	0			

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD * EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

Room Cavity Ratio	80				70				50			
	Wall Reflectance				Wall Reflectance				Wall Reflectance			
	70	50	30	10	70	50	30	10	50	30	10	
0	1.03	1.03	1.03	1.03	1.00	1.00	1.00	1.00	.96	.96	.96	
1	.96	.92	.89	.87	.93	.91	.88	.85	.87	.85	.83	
2	.88	.83	.78	.74	.87	.81	.77	.73	.78	.74	.71	
3	.82	.74	.68	.64	.80	.73	.68	.63	.71	.66	.62	
4	.76	.67	.60	.55	.74	.66	.60	.55	.64	.59	.54	
5	.70	.60	.53	.48	.68	.59	.53	.48	.57	.52	.47	
6	.65	.55	.48	.43	.63	.54	.47	.42	.52	.46	.42	
7	.60	.50	.43	.38	.59	.49	.42	.38	.48	.42	.37	
8	.56	.45	.38	.33	.55	.44	.38	.33	.43	.37	.33	
9	.52	.41	.34	.29	.51	.40	.34	.29	.39	.33	.29	
10	.48	.37	.31	.26	.47	.37	.31	.26	.36	.30	.26	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 233.8

DISTRIBUTION

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5576	31.69	36.77
0-40	8373	47.58	55.21
0-60	13023	74.00	85.87
0-90	15166	86.17	100.00
40-90	6792	38.59	44.79
60-90	2142	12.17	14.13
90-180	0	.00	.00
0-180	15166	86.17	100.00

Options/Accessories

Wireguard/Lens See besides.

Internal Fusing Suffix **F**.

Emergency Battery Pack Suffix **O** (T8), **E** (T5HO).

Electrical/Wiring Options Consult your Canlyte representative.

Stem and Canopy Sets 4 stems per luminaire.

Order cat. number **STKF12** (12"), **STKF18** (18"),

STKF24 (24"), **STKF36** (36"), **STKF48** (48").

Chain Hanger Kit 2 kits per luminaire.

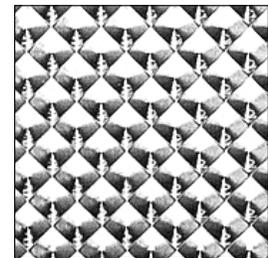
Order cat. number **EE9HC**.



White hinged 9-gauge wireguard adding rigidity to luminaire available as an accessory. (FH4WG4 for narrow luminaire and FH4WG5 for wide luminaire. Add -VA or -VB for a wire guard with lens.)



XX: Version without lens shielding.



VA: Pattern 12 prismatic lens made of virgin acrylic (.095" nominal). Complete with hinged white wireguard.

VB: Pattern 12 prismatic lens made of virgin acrylic (.125" nominal). Complete with hinged white wireguard.

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Type:

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