

Ordering Information

Family	Lamps	Shielding	Wattage	Voltage	Length	Options
LFK	2 2 = 2 lamps per 4' (121.92cm)	L L = Louver	28 = 28w T5 54 = 54w T5 2D = 28w T5 Dimming 5D = 54w T5 Dimming 2E = 28w T5 Emergency Pack 5E = 54w T5 Emergency Pack	1 = 120v 2 = 277v	4 = 4' (121.92cm) 8 = 8' (243.84cm)	DS = Dual Switch X4 = 4 Through Wires X5 = 5 Through Wires

Complete Ordering Instructions below.

Features

- Extrusion:** Extruded aluminum, painted white.
- Housing:** Multi-layered 5/8" (1.59cm) thick polycarbonate panels with patented prism design. Clear outer layer and an opal non-glare inner layer. Light transmission is 32% ASTM D1003 perpendicular to the panel. Reflectivity is more than 40% perpendicular to the panel.
- Endcap:** Die cast aluminum, painted white.
- Ballast Channel:** Accepts linear fluorescent ballasts up to 1.2" (3.05cm) wide by 1.2" (3.05cm) tall.
- Lamp:** T5 linear fluorescent, 28 or 54 watt. (by others).
- Louver:** Die-formed straight blade aluminum. Lift-and-shift attachment.

Electrical

Ballast: Electronic and meets A.N.S.I. starting, end of life protection, T.H.D., "A" sound rating, and end-of-life specifications. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Wiring: 3 Conductor 18 gauge wire. Color-coded quick connectors allow ease of connection for fixture modules.

Dimming: Advance Mark X. Use Advance compatible 2 wire control (no extra lead is required in the luminaire).

Emergency Battery Pack: 54 Watt: 390-700 Lumens for 90 minutes,
28 Watt: 370-520 Lumens for 90 minutes.

Dual Switching: Order the DS option for separate row switching. DS option comes complete with the 4th through wire option.

4 and 5 wire: Order X4 for EM Battery Pack. For non-standard dimming options order X5 option for Osram or DALI 54 watt dimming, X4 option for Lutron HiLume or ECO-10 54 Watt dimming.

Consult Factory for any additional wiring conditions.

Finish

Powder coated white baked enamel. Custom colors available, consult factory.

Mounting

Mounting locations are adjustable along the top of the extrusion. Cable suspension (not shown) consists of 4 1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Draw-tight connector to create hairline seam between joiner modules.

Ordering Instructions

Individual Fixtures:

- Order number of MODULES required.
- Order one POWER FEED CABLE END SET per MODULE.

Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED CABLE END SET per run.
- Order one INTERMEDIATE CABLE SET per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of CABLE/CORD SET.

Labels

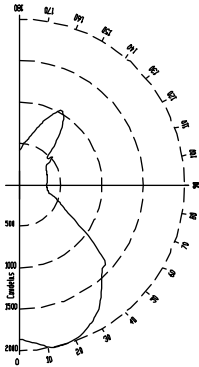
UL , cUL and I.B.E.W. Patent Applied For.

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

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Performance

CANDLEPOWER CURVE



REPORT NO.: ITL54309
 LAMPS: 2-F54T5
 LUMENS: 5000
 EFFICIENCY: 74.9%
 CAT NO.: LFK2L5414

CANDLEPOWER

ZONE DEG.	0	22	45	67	90
	CANDELAS				
180	421	421	421	421	421
175	422	440	472	488	498
165	417	511	573	627	651
155	403	535	724	874	934
145	380	578	892	955	922
135	340	633	779	558	476
125	287	637	365	422	388
115	210	364	255	329	360
105	125	122	209	311	351
95	29	70	163	280	339
90	0	52	145	266	324
85	21	78	167	284	334
75	114	209	292	373	364
65	229	411	495	536	551
55	365	639	842	939	935
45	704	960	1150	1296	1427
35	1036	1266	1458	1618	1710
25	1354	1524	1705	1843	1923
15	1629	1710	1863	1955	2003
5	1830	1846	1880	1900	1914
0	1869	1869	1869	1869	1869

COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

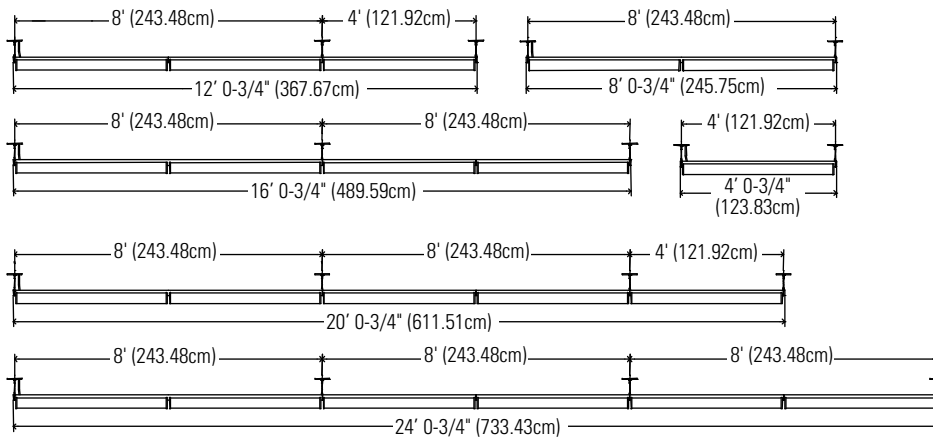
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80%			70%			50%		
	70	50	30	70	50	30	50	30	10
0	83	83	83	78	78	78	69	69	69
1	75	72	69	71	68	65	60	58	56
2	69	63	58	64	59	55	53	49	47
3	63	56	50	59	52	47	47	43	39
4	58	49	43	54	47	41	42	37	34
5	53	44	38	50	42	36	37	33	29
6	49	40	34	46	38	32	34	29	26
7	45	36	30	43	34	29	31	26	23
8	42	33	27	40	31	26	28	24	20
9	39	30	24	37	29	23	26	21	18
10	37	28	22	35	26	21	24	20	17

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

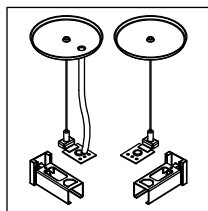
Zone	Lumens	% Lamp	% Luminaire
0-90	4877	49.0	65.0
90-180	2609	25.9	35.0
0-180	7485	74.9	100.0

Fixture Lengths & Mounting

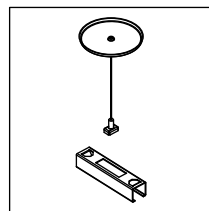


Note: All suspension points have 6" (15.24cm) of adjustment within each module. 12" (30.48cm) when two modules are joined. Field cutting of wire cover is required.

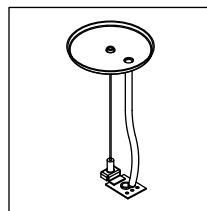
Mounting Accessories



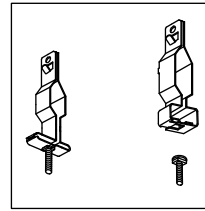
Power Feed Cable End Set
 Cable length is 36" (91.44cm)
 Straight Cord: **LFKEC36WH**
 4 Wire Cord: **LFKEC36WHX4**
 5 Wire Cord: **LFKEC36WHX5**



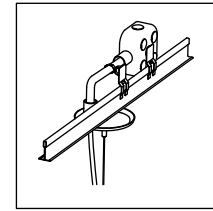
Intermediate Cable Set
 Cable length is 36" (91.44cm)
 Single Cable: **LFKC36**



Intermediate Cable/Cord Set
 Cable length is 36" (91.44cm)
 Straight Cord: **LFKCC36**
 4 Wire Cord: **LFKCC36X4**
 5 Wire Cord: **LFKCC36X5**



Ceiling Grid Kit (CGK)
 Includes both standard 1" (2.54cm) Tee and Slot Tee Clip.
 Order one for every non-powered suspension point.



Ceiling Grid Kit—Power (CGKP)
 Includes the hardware necessary to install a power feed above a suspended ceiling. J-box not included. Order one for every powered suspension point.

Job Information Type:

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