

Ordering Information

Family	Lamps	Shielding	Wattage	Voltage	Length	Options
LFK	1 1 = 1 lamp 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).

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. Modules allow 6" (15.24cm) of suspension position adjustment.

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

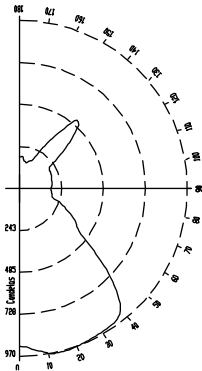
UL , cUL and I.B.E.W. Patent Applied For.

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

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Performance

CANDLEPOWER CURVE



CANDLEPOWER

ZONE DEG.	CANDLEPOWER					
	0	22	45	67	90	
	CANDELAS					
180	183	183	183	183	183	183
175	183	184	184	186	186	186
165	184	184	162	155	152	
155	180	162	166	178	184	
145	170	153	200	334	392	
135	156	160	350	475	452	
125	135	186	342	236	211	
115	100	237	141	182	199	
105	60	66	115	170	192	
95	16	38	90	155	187	
90	0	28	80	148	180	
85	11	40	90	157	184	
75	57	104	150	196	196	
65	113	263	234	286	304	
55	183	322	495	412	412	
45	349	466	657	762	763	
35	513	618	733	871	949	
25	667	748	832	913	961	
15	798	841	909	952	975	
5	896	905	920	928	933	
0	912	912	912	912	912	

REPORT NO.: ITL54308
 LAMPS: 1-F54T5
 LUMENS: 5000
 EFFICIENCY: 73.5%
 CAT NO.: LFK1L5414

COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

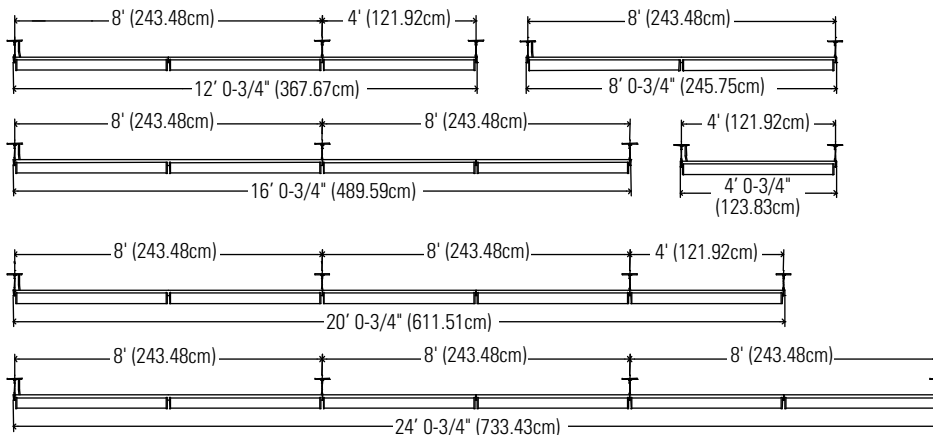
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80%			70%			50%		
	70	50	30	70	50	30	50	30	10
0	82	82	82	77	77	77	69	69	69
1	74	71	68	70	67	64	60	58	56
2	68	62	57	64	59	55	52	49	46
3	62	55	49	58	52	47	46	42	39
4	57	49	43	53	46	41	41	37	34
5	52	43	37	49	41	36	37	33	29
6	48	39	33	45	37	32	34	29	25
7	45	35	29	42	34	28	31	26	23
8	42	32	26	39	31	25	28	23	20
9	39	29	24	37	28	23	26	21	18
10	36	27	22	34	26	21	24	19	16

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

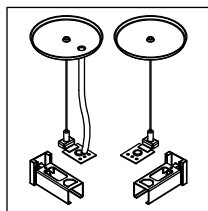
Zone	Lumens	% Lamp	% Luminaire
0-90	2506	50.0	68.0
90-180	1170	23.5	32.0
0-180	3677	73.5	100.0

Fixture Lengths & Mounting

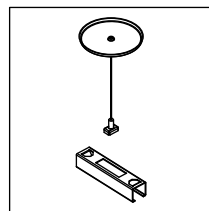


Note: All suspension points have 6" (15.24cm) of adjustment within each module. 12" (30.48cm) when two modules are joined. Field cutting of wire cover is required.

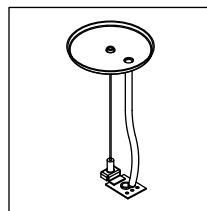
Mounting Accessories



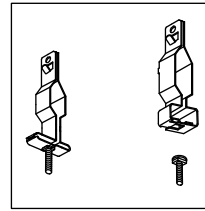
Power Feed Cable End Set
 Cable length is 36" (91.44cm)
 Straight Cord: **LFKEC36WH**
 4 Wire Cord: **LFKEC36WHX4**
 5 Wire Cord: **LFKEC36WHX5**



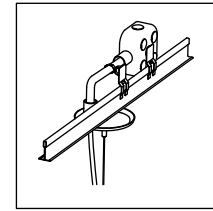
Intermediate Cable Set
 Cable length is 36" (91.44cm)
 Single Cable: **LFKC36**



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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