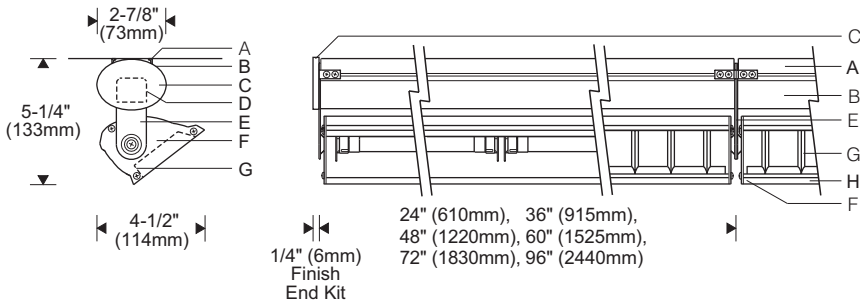
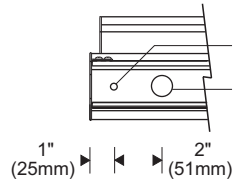


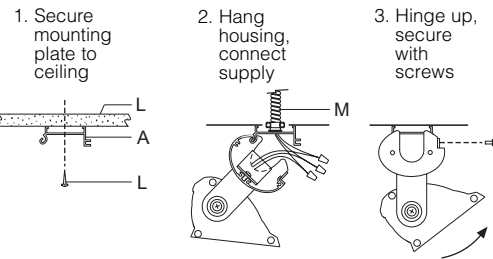
Ceiling Mount: 1:8 Scale



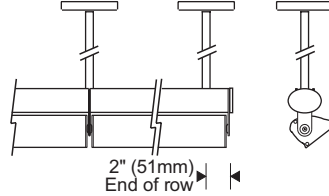
Mounting Plate
(S mount)



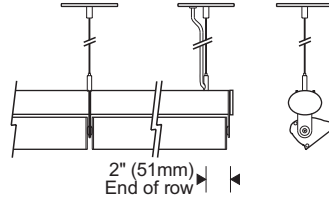
Installation (S mount)



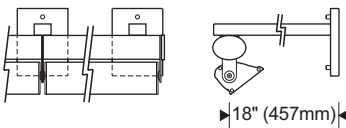
**Hangers (X mount)
Pendant Stems**



Cables



Cantilevers



Specifications

- | | | | |
|---|---|---|--|
| A Extruded aluminum mounting plate | D Electronic ballast | H Specular extruded aluminum reflector | L Support structure and fasteners (by others) |
| B Extruded aluminum ballast housing | E Aluminum sidearm | J Mounting hole, (3) 9/32" (7mm) dia. | M Conduit and connector (by others) |
| C AFE finish end kit (aluminum end plates for ballast housing) | F Contoured aluminum end plate | K Knockout, (2) 7/8" (22mm) dia. | |
| | G Snap-in specular parabolic baffle (optional) | | |

Finish:

Semi-gloss white housing and end plates or bright clear anodized aluminum reflector with semi-gloss black end plates, sidearms and ballast housing.

Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset powder coat for stable, long lasting and corrosion resistant finish.

Reflector – extruded high purity aluminum with clear anodized specular finish. All luminaire hardware – stainless steel.

Mounting:

S mount – mounting plate fastens flush to ceiling. Unit hinges on plate for hands-free access to wiring.

X mount – stems, cables or cantilevers **ordered separately**

Pendant stem – 11/16" O.D. aluminum, internally threaded.

Cable – 1/16" dia. 7x7 aircraft cable, field adjustable length.

Cantilever – 1" x 2" steel arm. Interface plate (under canopy) allows +/- 5° leveling, **suitable support structure required.**

Electrical:

Use 90°C wire for supply connections and through wire.

S mount – 7/8" (22mm) dia. knockouts at ends of mounting plate for conduit feed (by others). Accessory end feed kit provides entry for surface conduit at end of ballast housing.

X mount – electrical feed hanger mounts over recessed outlet box (by others) and **must be located at end of row.**

Housing hinges down for access to ballast and wiring. Optional #12 AWG prewired modular through wiring with quick connectors.

Integral electronic HPF thermally protected class P ballast with end-of-life protection.

Optional electronic dimming ballast; compatible dimmer switch required (by others). Consult sales representative for compatibility and specifications.

Optional integral emergency battery operates one lamp. Separate unswitched supply is required.

Standard:

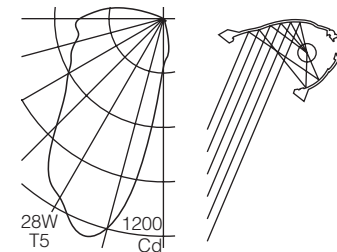
UL listed or CSA certified for damp locations (Style 124 painted model with lens recommended for damp locations).

Features

- **KO Series** – unequalled T5 fluorescent wall lighting for cost and energy conscious projects
- **Ideal** for retail perimeters, displays, corridors, chalkboards
- **Adjustable** – accommodates setback and height of wall
- **Versatile** – surface, cantilever, stem or cable mounting
- **Integral electronic ballast** – dimming, emergency optional

Performance

Two parabolic reflector sections drive light to the bottom of the wall. An elliptical section shields the lamp from normal viewing angles and redirects its light to a parabola. Glare is minimized and asymmetry of the beam is maximized resulting in high beam efficiency and superior surface uniformity.



For complete photometrics, see www.elliptipar.com.

elliptipar



To Order

To form a Catalog Number

F | 1 | 0 | 9 | - | T | | | | - | | | - | | | - | | | |

1 2 3 4 5 6 7 8

1 Source

F = Linear fluorescent

2 Style

109 = Small KO Series contoured, integral ballast

3 Lamp

Note: To order by overall row length, enter **ROW CODE** (see Row Chart on page W-8.2) in place of Lamp Code below. Row Codes specify a row complete with all necessary luminaires and end plates. **Hangers are ordered separately.**

T | | | = T5 Fluorescent Lamp Code

Lamp Wattage (see chart below)

Number of Lamps in Length, specify 1 or 2

Example: **T121** = 3' (915mm) housing with one 21W T5 lamp

Length*	T5		T5HO	
	Code	Lamp(s)	Code	Lamp(s)
T5 Fluorescent	⇄			
24" (610mm)	T114	1 x F14T5	T124	1 x F24T5/HO
36" (915mm)	T121	1 x F21T5	T139	1 x F39T5/HO
48" (1220mm)	T128	1 x F28T5	T155	1 x F54T5/HO
60" (1525mm)	T135	1 x F35T5	T180	1 x F80T5/HO
72" (1830mm)	T221	2 x F21T5	T239	2 x F39T5/HO
96" (2440mm)	T228	2 x F28T5	T255	2 x F54T5/HO

For complete lamp and ballast information, see Accessories Section. Standard T5 lamp color is 3000K/80+ CRI.
*Add 1/2" (13mm) to row or single unit for **AFE** Finish End Kit.

4 Mounting

S = Ceiling (surface) mount
X = For use with pendant stem, cable or cantilever hangers (**order separately**)

5 Finish

02 = Semi-gloss white
81 = Bright clear anodized reflector with semi-gloss black end plates, side arms and ballast housing
99 = Custom RAL or computer matched color to be specified, consult sales representative

Project: _____

6 Voltage/Ballast

Electronic
1 = 120V
2 = 277V
3 = 347V (Canada)

*Dimming**
T = 120V
V = 277V

* Consult sales representative for dimming 5' lamps (lamp codes **Tx35, Tx80**). Availability for wattages and voltages varies with ballast manufacturer and control type – see www.elliptipar.com for additional dimming specifications and limitations.

Note: When dimming **X** mount luminaires, order two (2) electrical feed stems, cables or cantilevers for each single unit or row to accommodate the control circuit.

7 Option (See Accessories Section for specifications)

00 = No option
0B = Snap-in parabolic cross baffles, specular finish, provides 35° lengthwise shielding
0E = Integral emergency battery pack with indicator lamp and test button. Available in 4', 5', 6' and 8' units (lamp codes **T128, T135, T221, T228, T155, T239** and **T255**). Operates one lamp.
0K = Prewired modular #12 AWG through wiring with quick connectors
EK = Combination of emergency battery pack and prewired modular through wiring as described above
BE = Combination of parabolic baffle and emergency battery
BK = Combination of parabolic baffle and modular wiring
BC = Combination of parabolic baffle, emergency battery and modular wiring
XX = For modification not listed, include detailed description. Consult factory prior to specification.

8 Standard

0 = UL, Underwriters Laboratories
J = CSA, Canadian Standards Association

Example

F109 - T121 - X - 81 - 2 - 0B0

Small KO Series contoured model for use with one 3' F21T5 lamp, 36" long housing (not including **AFE** finish end kit, order separately). For use with pendant stem, cable supports or cantilever (order separately). Bright reflector with semi-gloss black end plates, side arms and ballast housing. Integral 277V electronic ballast. Snap-in parabolic cross baffle. UL.

Type: _____

Hangers

Order separately. See Accessories Section for specifications. Singles – order one non-electrical and one electrical feed hanger for each module (**X** mount).

Rows – order one non-electrical hanger for each module (**X** mount) plus one electrical feed for each row.

Note: For each single or row with dimming (voltage/ballast code **T** or **V**), order one additional electrical feed and subtract one non-electrical hanger.

Electrical feed(s) must be located at an end of row.

VE | | | | 0 = Pendant stem, 11/16" O.D.

Length in inches, up to 60" (1.5m), 6" minimum

02 = White
08 = Black

F = Non-electrical
G = Electrical feed, with (4) #14 AWG leads

VE | | | | 0 = Cable support, field adjustable

48 = up to 48" (1.2m)
96 = up to 96" (2.4m)

02 = White canopy
08 = Black canopy

R = Non-electrical
S = Electrical feed, 18/4 metal braid cord

VE | | | | 18 0 = Cantilever, 18" (460mm) setback

02 = White
08 = Black

C = Non-electrical
D = Electrical feed, with (4) #14 AWG leads

Accessories

Order separately. See Accessories Section for specifications.

AFE09 | | | 0 = **Finish end kit**, one required for each row or single unit. Adds 1/2" (13mm) to length.

02 = White
08 = Black

ASC06000 = **End feed kit**, bracket with 7/8" dia. entry to secure surface conduit

