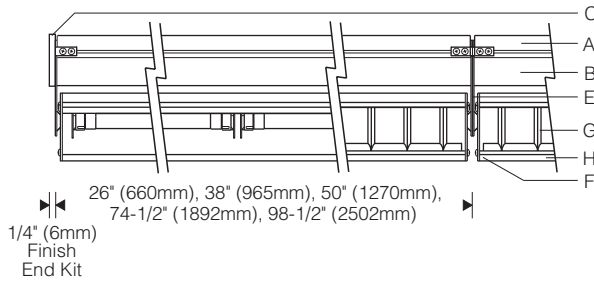
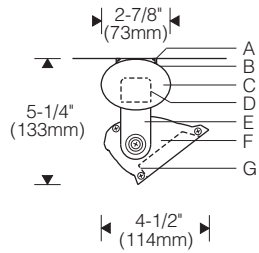
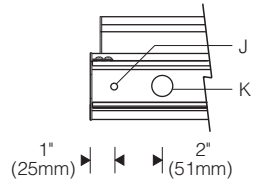


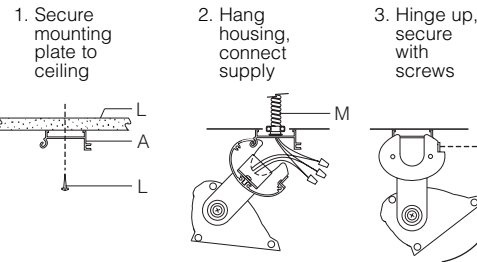
**Ceiling Mount:** 1:8 Scale



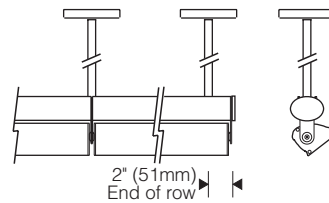
**Mounting Plate**  
(S mount)



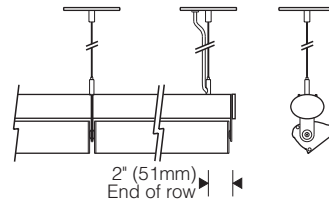
**Installation** (S mount)



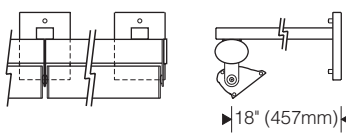
**Hangers (X mount)**  
**Pendant Stems**



**Cables**



**Cantilevers**



**Specifications**

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

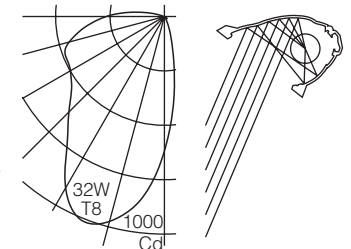
Use 90°C wire for supply connections and through wire.  
**S** mount – 7/8" (22mm) dia. knockouts at ends of mounting plate for conduit feed (by others). Accessory end feed kit provides entry for surface conduit at end of ballast housing.  
**X** mount – electrical feed hanger mounts over recessed outlet 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. Optional electronic dimming ballast dims to 5% of full light output. Compatible dimmer switch is required (by others). Consult local sales representative for specifications.  
Optional integral emergency battery operates one lamp. Separate unswitched supply is required.  
**Standard:**  
UL listed or CSA certified.

**Features**

- **KO Series** – unequalled T8 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.

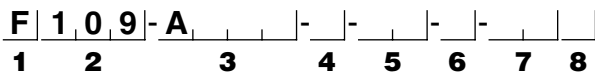


For complete photometrics, visit [thelightingquotient.com](http://thelightingquotient.com)



**To Order**

**To form a Catalog Number**



**1 Source**

F = Linear fluorescent

**2 Style**

109 = Small KO Series contoured, integral ballast

**3 Lamp**

A | | | | = T8 Fluorescent Lamp Code

Lamp Wattage (see chart below)

Number of Lamps in Length, specify 1 or 2

Example: **A225** = one nominal 6' reflector with two 25W T8 lamps; one 2-lamp ballast

Lamp Code	Luminaire Length*	Lamp(s)
T8 Fluorescent		
<b>A117</b>	26" (661mm)	1 x F17T8
<b>A125</b>	38" (966mm)	1 x F25T8
<b>A132</b>	50" (1270mm)	1 x F32T8
<b>A225</b>	74-1/2" (1893mm)	2 x F25T8
<b>A232</b>	98-1/2" (2502mm)	2 x F32T8

For complete lamp and ballast information, see Accessories Section. T8 lamp not included.

\*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

\* Dimming not available for 2' F17T8 (lamp code **A117**).

**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 aluminum, provides 35° lengthwise shielding

0E = Integral emergency battery pack with indicator lamp and test button (not available for **A117** lamp code). Operates one lamp. **Note:** For X mount, order one additional electrical feed stem, cable or cantilever to accommodate unswitched feed to battery.

0K = Prewired modular #12 AWG through wiring with quick connectors

0EK = Combination of emergency battery pack and prewired modular through wiring as described above

0BE = Combination of parabolic baffle and emergency battery

0BK = Combination of parabolic baffle and modular wiring

0BC = Combination of parabolic baffle, emergency battery and modular wiring

0XX = For modification not listed, include detailed description. Consult factory prior to specification.

**8 Destination Requirement**

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

**Example**

**F109 - A125 - X - 81 - 1 - 0B0**

Small KO Series contoured model for use with one 3' F25T8 lamp, 38" 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 120V electronic ballast. Snap-in parabolic cross baffle. UL listed or CSA certified for U.S.

Type: \_\_\_\_\_

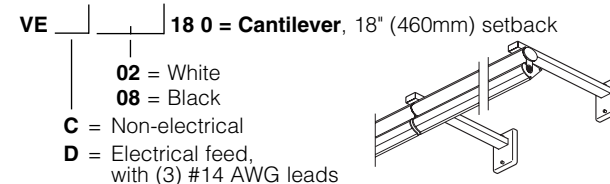
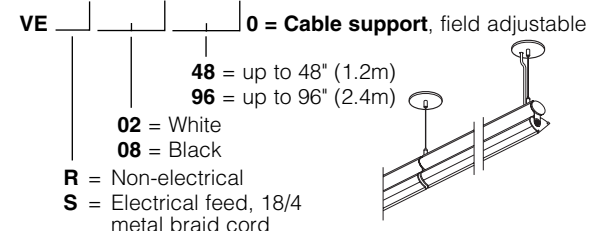
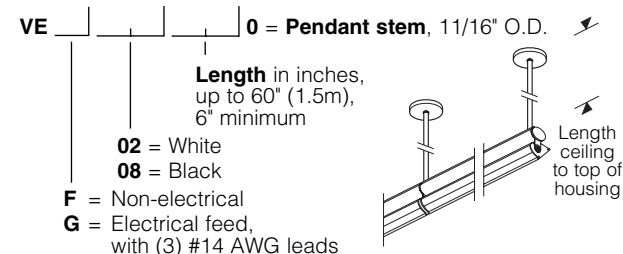
**Hangers**

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.

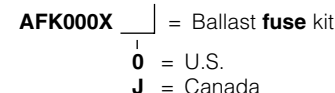
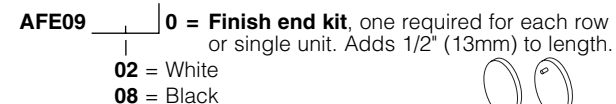
**Note:** For each single or row with dimming (voltage/ballast code T or V) or for each module with emergency battery (option code 0E), order one additional electrical feed and subtract one non-electrical hanger.

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



**Accessories**

Order separately. See Accessories Section for specifications.



Certain products illustrated may be covered by applicable patents and patents pending. These specifications supersede all prior publications and are subject to change without notice. Copyright © 2010 Sylvan R. Shemitz Designs, Inc., all rights reserved.



elliptipar from The Lighting Quotient  
114 Boston Post Road, West Haven, Connecticut 06516, USA  
Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com

