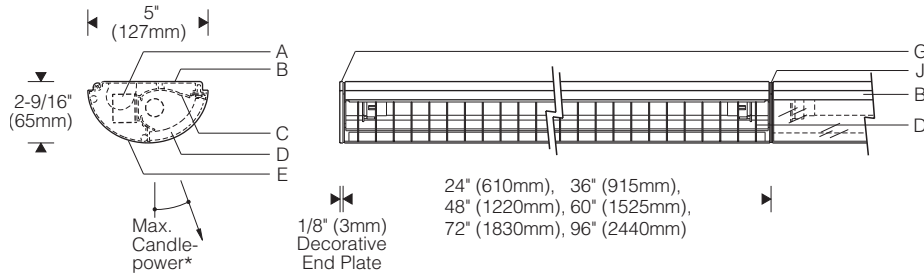
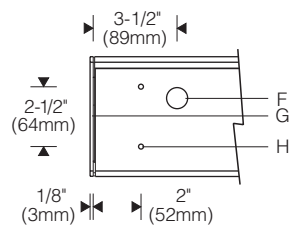


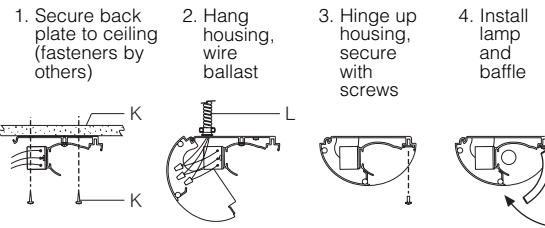
Style 144 1:8 Scale



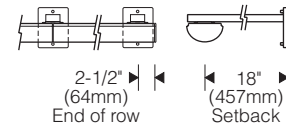
Top View 1:8 Scale (S mount)



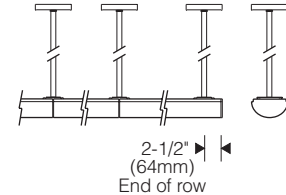
Installation (S mount)



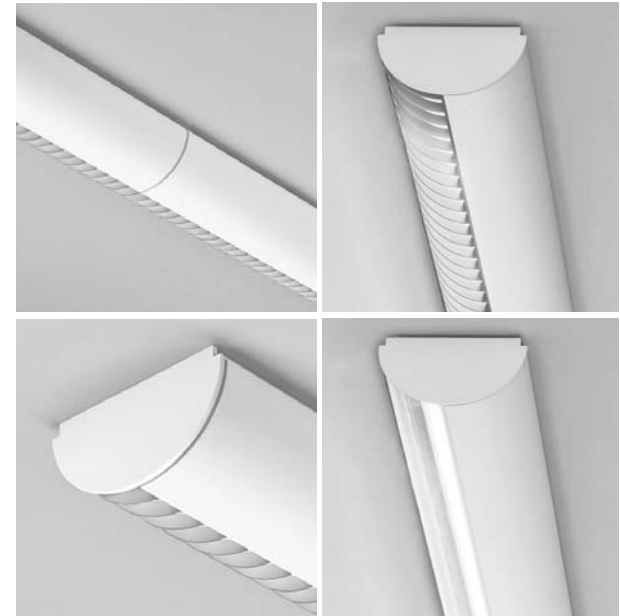
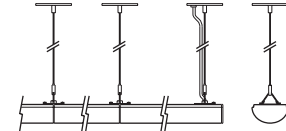
Hangers (X mount) Cantilevers



Pendant Stems



Cables



* Aiming is field adjustable from 25° to 35° above nadir (factory setting is 25°).

Specifications

- | | | | |
|---|--|--|---|
| A Electronic ballast | D High-impact polycarbonate baffle, 25° shielding (matte gray) [Optional clear UV resistant acrylic lens] | F Conduit entry, 7/8" (22mm) dia. (S mount) | J Aluminum joiner/reveal plates (matte gray) |
| B Extruded aluminum back plate | E Extruded aluminum housing | G Aluminum decorative end plates (order separately) | K Structure and fasteners (by others) |
| C Specular extruded aluminum reflector (adjustable aiming) | | H Mounting holes, 9/32" (7mm) dia. | L Conduit and connector (by others) |

Finish:

Matte white housing and decorative end plates. Joiner/reveal plates and baffle finished matte gray. Optional clear acrylic lens replaces baffle.

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 – back plate mounts flush to ceiling.

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

Cantilever – 1" x 2" steel arm, suitable support structure required. Adjustable interface plate (concealed under canopy) allows leveling of arms +/- 5°.

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

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

Hangers at ends of row (if single) are located 2-1/2" (64mm) from end. Intermediate hangers are centered on joint.

Electrical:

S mount – 7/8" (22mm) diameter knockouts located at each end of back plate for conduit feed (by others). Use 90°C wire for supply connections and through wire.

X mount – electrical feed hanger mounts over recessed outlet box (by others). Cantilever and stem electrical feeds supplied with #14 AWG leads (must be located at end of row). Cable feed includes 18/4 cord (can be located at end or joint).

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 dimming control is required (by others). Consult sales representative for specifications.

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

Standard:

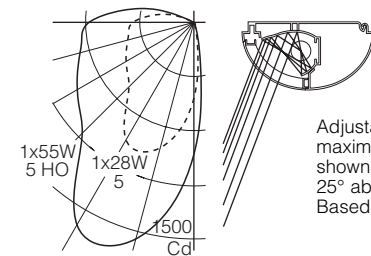
UL listed or CSA certified.

Features

- T5/T5HO for precise optical control – adjustable aiming
- Matte white elliptical housing blends with ceiling – matte gray baffle nearly matches housing when lighted
- Designed to be inconspicuous – lights entire wall evenly without amplifying surface imperfections (unlike slots)
- Ideal for corridors, art walls, displays, chalkboards, signs

Performance

Two parabolic reflector sections drive light to the bottom of the vertical surface. An elliptical section redirects light that is normally wasted back 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.



To form a Catalog Number

F | 1 | 4 | 4 | - | T | | | | - | | | - | | | - | | | |

1 2 3 4 5 6 7 8 9

1 Source

F = Linear fluorescent

2 Style

144 = Xtra small enclosed semi-elliptical, one-way, integral ballast

3 Lamp

Note: To order by overall row length, enter ROW CODE in place of Lamp Code below (see Row Charts on page 20.2). 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: T155 = 4' (1.2m) housing with one 54W T5HO 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.

4 Mounting

S = Ceiling mount
X = For use with cantilevers, pendant stems or cable hangers (order separately)

5 Finish

22 = Matte white
99 = Custom RAL or computer matched color to be specified, consult sales representative

Project: _____

6 Voltage/Ballast

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

* 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 cantilevers, stems, or cables for each single unit or row to accommodate the control circuit.

Maximum Row Length per Feed (4' lamps)			
Voltage	Lamp	Cantilever, Stem*	Cable**
120V	T5	228' (69.5m)	140' (42.7m)
	T5HO	124' (37.8m)	76' (23.2m)
277V	T5	532' (162.2m)	332' (101.2m)
	T5HO	296' (90.2m)	184' (56.1m)

*Based on 16A branch circuit capacity (20A maximum allowed for #14 AWG through wire). **Based on 10A capacity of 18/4 cord.

7 Shielding

0 = Radiused baffle, matte gray
L = Clear lens

8 Option (See Accessories Section for specifications)

0 = No option
E = 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.
K = Prewired modular #12 AWG through wiring with quick connectors
C = Combination of emergency battery pack and prewired modular through wiring as described above.
Note: Modular wiring does NOT accommodate unswitched supply to battery – feed circuit directly.
X = For modification not listed, include detailed description. Consult factory prior to specification.

9 Standard

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

Example

F144 - T155 - X - 22 - 1 - 000

Xtra small enclosed semi-elliptical, one-way for use with 4' F54T5HO lamp, 48" long (excluding decorative end plates). For use with cantilever, pendant or cable hangers (order separately). Matte white. Integral 120V ballast. Radiused baffles. UL. Order decorative end plates separately.

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. See Voltage/Ballast for maximum row length per electrical feed.

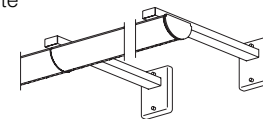
Note: For each single or row with dimming (voltage/ballast code T or V), order one additional electrical feed and subtract one non-electrical hanger.

Cantilever and stem electrical feeds must be located at an end of row. Cable feed can be located at ends or intermediate joints.

V4 | 22 18 | = Cantilever, 18" (460mm) setback, matte white

0 = UL
J = CSA

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

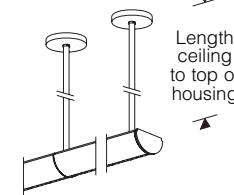


V4 | 22 | = Pendant stem, matte white

0 = UL
J = CSA

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

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

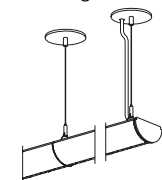


V4 | 22 | = Cable support, matte white canopy, field adjustable length

0 = UL
J = CSA

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

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



Accessories

Order separately. See Accessories Section for specifications.

ADE44 | 0 = Decorative end plates, pair, matte white, or custom color to match housing
5
Note: adds 1/4" (6mm) to length



ABK = Blank-Out Cover for non-lighted module. Extruded cover replaces baffle, reflector and lamp(s). Painted to match housing. Consult factory for assistance.

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