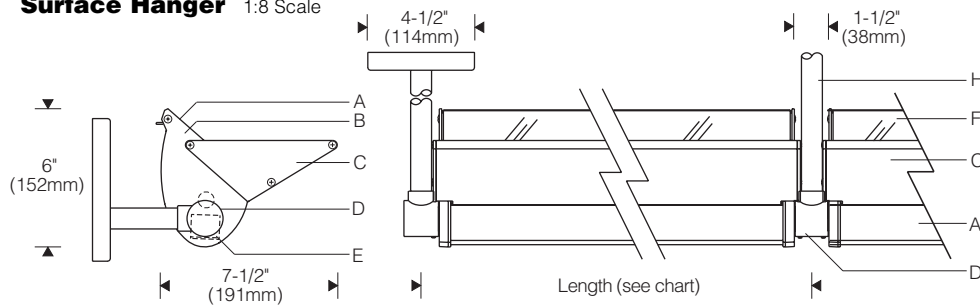
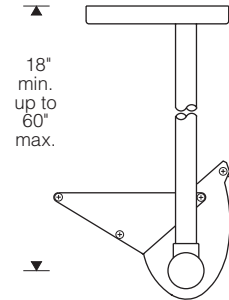


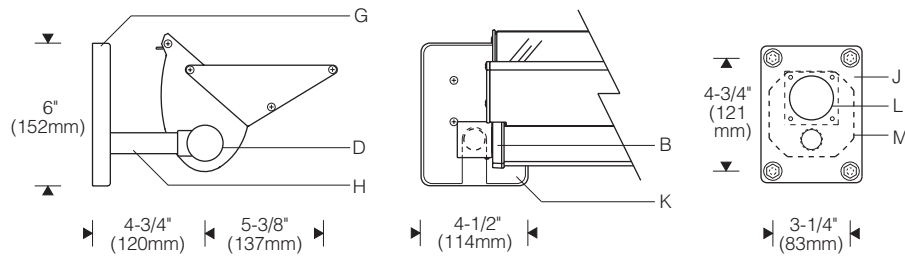
Surface Hanger 1:8 Scale



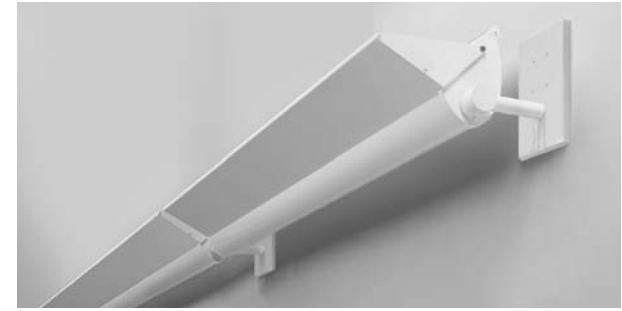
Pendant Hanger



Mounting Plate



Lamp Length	Length (center to center of hubs)
1 x 2'	25-1/4" (640mm)
1 x 3'	37" (940mm)
1 x 4'	48-3/4" (1240mm)
1 x 5'	60-5/8" (1540mm)
2 x 3'	72" (1830mm)
2 x 4'	96" (2440mm)



Specifications

- A** Specular extruded aluminum reflector/housing
- B** Die-cast aluminum end plates
- C** Extruded aluminum visor with stamped end plates
- D** Aluminum hub with locking set screws
- E** Integral electronic ballast/internal wireway
- F** UV and impact resistant acrylic snap-on lens with silicone gasket
- G** Surface or pendant hangers (ordered separately)
- H** Tubular steel stem or arm
- J** Die-cast aluminum mounting plate (1/4-20 fasteners by others)
- K** Aluminum cover plate (conceals fasteners and outlet box)
- L** Outlet box access opening (electrical feed)
- M** Recessed outlet box (by others)

Finish:

Semi-gloss white housing, end plates and visor. Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for stable, long lasting and corrosion resistant finish. Reflector – extruded high purity aluminum with clear anodized specular finish. All luminaire hardware – stainless steel. Snap-on lens – composite of impact resistant and UV stabilized acrylic for easy maintenance.

Mounting:

Surface or pendant hangers **ordered separately**; specify end kit or intermediate hangers. Hangers include aluminum mounting plate, cover plate and 1-1/2" dia. x 1-1/2" aluminum hub with 7/8" O.D. steel arm/stem. 1/4-20 mounting fasteners by others. Suitable backing structure required – allow 3 lbs/ft (21.6kg/m) (8' unit = 24 lbs). Reflector aiming is adjustable – locks with set screws.

Electrical:

Use 90C° wire for supply connections and through wire. Electrical feed hanger mounts over recessed outlet box (by others). Locate electrical feed at end of row. Internal wireway allows supply wiring to be fed through mounting hub to adjacent units. 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. For complete ballast specifications, see Accessories Section.

Standard:

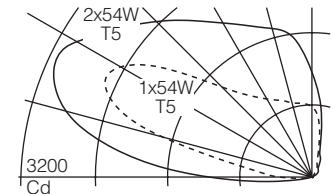
UL listed or CSA certified for damp locations.

Features

- Reflector optimized for T5 – projects light across ceilings with unequaled uniformity from minimal setbacks
- Powerful – single or dual T5HO lamps in cross section
- Extruded visor provides shielding – snap-on acrylic lens
- Integral electronic ballast – internal wireway for thru wiring
- Optional dimming, emergency battery pack

Performance

Two parabolic reflector sections drive light across the ceiling from one edge. 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.

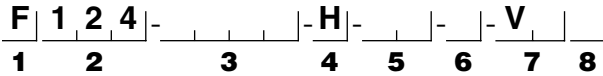


Adjustable – max. Cd shown aimed 25° above horizontal.

For complete photometrics, visit thelightingquotient.com



To form a Catalog Number



1 Source

F = Linear fluorescent

2 Style

124 = Medium smooth surface, integral ballast

3 Lamp

T5 Fluorescent Lamp Code

Lamp Wattage (see chart below)

Lamp Configuration

- T1 = Single-lamp cross section, 1-lamp in length
- T2 = Single-lamp cross section, 2-lamp in length
- D2 = Dual-lamp cross section, 1-lamp in length
- D4 = Dual-lamp cross section, 2-lamp in length

Example: D255 = Nominal 4' (1.2m) housing with dual (2) 54W T5HO lamps

Length (nominal)	T5		T5HO	
	Code	Lamp(s)	Code	Lamp(s)
T5 Fluorescent				
2' (0.6m)	T114	1 x F14T5	T124	1 x F24T5/HO
	D214	2 x F14T5	D224	2 x F24T5/HO
3' (0.9m)	T121	1 x F21T5	T139	1 x F39T5/HO
	D221	2 x F21T5	D239	2 x F39T5/HO
4' (1.2m)	T128	1 x F28T5	T155	1 x F54T5/HO
	D228	2 x F28T5	D255	2 x F54T5/HO
5' (1.5m)	T135	1 x F35T5	T180	1 x F80T5/HO
	D235	2 x F35T5	D280	2 x F80T5/HO
6' (1.8m)	T221	2 x F21T5	T239	2 x F39T5/HO
	D421	4 x F21T5	D439	4 x F39T5/HO
8' (2.4m)	T228	2 x F28T5	T255	2 x F54T5/HO
	D428	4 x F28T5	D455	4 x F54T5/HO

For complete lamp and ballast information, see Accessories Section. Standard T5 lamp color is 3000K/80+ CRI.

Project: _____

4 Mounting

H = For use with accessory surface or pendant hub mounting hangers.

Note: Order hangers separately. Specify end kit or intermediate hanger.

5 Finish

02 = Semi-gloss white

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

6 Voltage/Ballast

Electronic

Dimming**

1 = 120V

T = 120V

2 = 277V

V = 277V

3 = 347V (Canada)*

*Consult sales representative for availability of 347V.

**Consult sales representative for dimming 5' lamps (lamp codes T135, D235, T180, D280). Availability for wattages and voltages varies with ballast manufacturer and control type – see thelightingquotient.com for additional dimming specifications and limitations.

7 Option

V0 = Cutoff visor included, no other option

VE = Integral emergency battery pack with indicator lamp and test button. Not available in 2' and 3' units. Operates one lamp. Note: Requires unswitched feed to battery (by others).

VP = Natatorium (pool) use

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

Note: Cutoff visor included with all options.

8 Destination Requirement

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

J = UL listed or CSA certified for Canada

Example

F124 - D255 - H - 02 - 2 - V00

Medium smooth surface fluorescent for use with dual (2) 54W T5HO lamps in nominal 4 foot reflector. For use with accessory hub hangers. Semi-gloss white powder coat finish. Integral 2-lamp 277V electronic ballast. Cutoff visor included. UL listed or CSA certified for U.S.

Order end kit and intermediate mounting hangers separately.

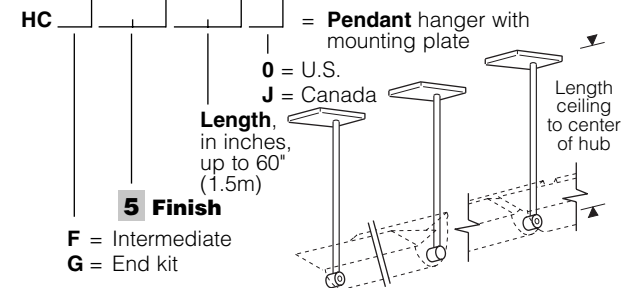
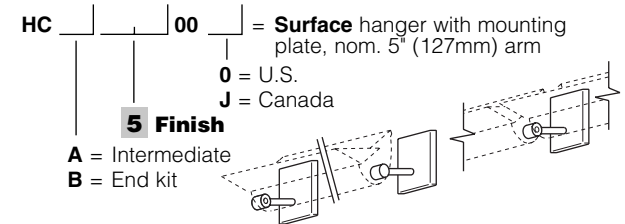
Type: _____

Hangers

Order separately. See Accessories Section for specifications. Hangers include mounting plate, cover, 7/8" (22mm) O.D. tubular stem/arm and hub. End kit includes one electrical feed end hub and one non-electrical end hub. Intermediate hanger includes single non-electrical joiner hub.

Note: Electrical feed must be located at an end of row.

For individually mounted luminaire, order one end kit. For a continuous row, order one end kit and one intermediate hanger for each additional luminaire in the row. Example: two rows of four reflectors requires 2 end kits and 6 intermediate hangers.



AMS | | | | 00 | = Surface mounting and splice box

0 = U.S.

J = Canada

Finish: 02 white, 06 dark bronze, 07 silver, 08 semi-gloss black, 12 green

Accessories

Order separately. See Accessories Section for specifications.

AFK000X | | | = Ballast fuse kit

0 = U.S.

J = Canada

