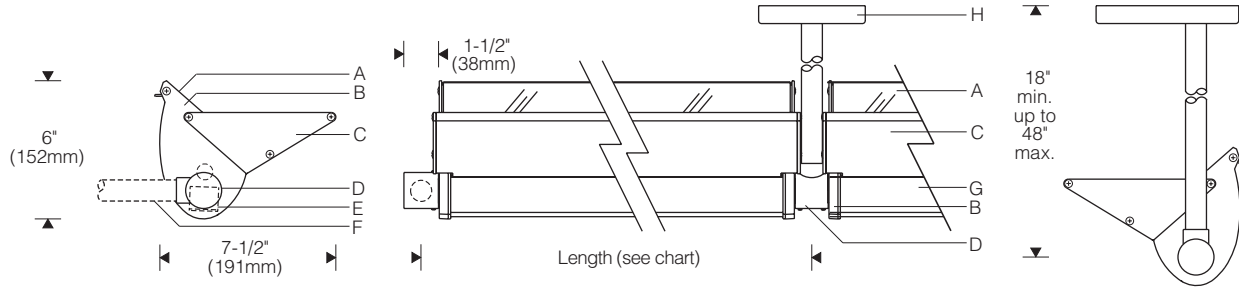
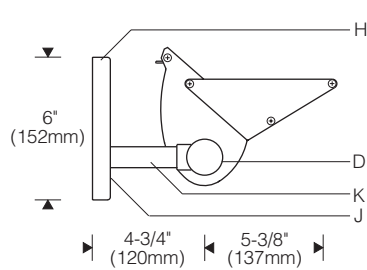


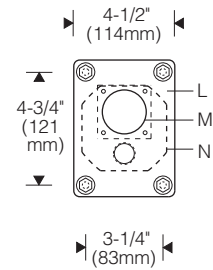
Style F164 1:8 Scale



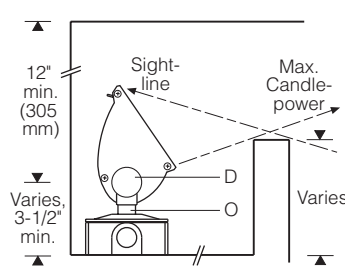
Surface Hanger



Mounting Plate



Cove* 1:10 Scale



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)

*For cove design guidance, see Applications Section

Specifications

- A** UV and impact resistant acrylic snap-on lens with silicone gasket
- B** Die-cast aluminum end plates
- C** Extruded aluminum visor with stamped end plates
- D** Aluminum hubs with silicone o-ring gaskets (ordered separately)
- E** Integral electronic ballast/internal wireway
- F** 1/2" rigid conduit supports (by others)
- G** Specular extruded aluminum reflector
- H** Surface or pendant hangers with hubs (ordered separately)
- J** Aluminum cover (conceals fasteners)
- K** Tubular steel arm or stem
- L** Aluminum mounting plate
- M** Access with gasketed cover (electrical feed)
- N** Recessed outlet box
- O** 1/2" fittings (by others)

Finish:

Exterior surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish. Choice of semi-gloss colors (see ordering information).

Reflector – extruded high purity aluminum with clear anodized specular finish. All hardware and components – non-corrosive stainless steel or aluminum.

Snap-on lens – composite of impact resistant and UV stabilized acrylic. Silicone gasket for watertight operation.

Electrical:

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

Electrical feed hanger (optional) mounts over recessed outlet box (by others) with gasketed access cover. Internal wireway allows supply wiring to be fed through mounting hub to adjacent units. Locate electrical feed at end of row.

Integral electronic HPF thermally protected class P ballast rated for 0°F/-18°C starting.

For complete ballast specifications, see Accessories Section.

Mounting:

1-1/2" diameter x 1-1/2" aluminum hubs with 1/2" NPT threaded entry. Reflector aiming is adjustable – locks with set screws.

Specify with hubs only for use with 1/2" rigid conduit or fittings supplied by others.

Optional accessory surface or pendant hangers (ordered separately). Hangers include die-cast aluminum mounting plate, aluminum cover and hub with 7/8" O.D. steel arm/stem (1/4-20 fasteners by others). Suitable backing structure required – allow 3 lbs/ft (21.6kg/m) (8' unit = 24 lbs).

Specify end kit or intermediate hubs/hangers.

Standard:

UL listed or CSA certified for wet locations when mounted horizontally. For positions other than horizontal, consult factory.

Features

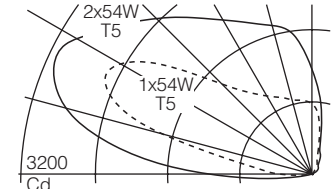
- Reflector optimized for T5 – uplight canopies, vaults, soffits with unequaled uniformity from minimal setbacks
- Secure snap-on UV resistant acrylic lens – easy to relamp
- Extruded visor provides shielding – concealed drainage
- Polyester powder coat – exceeds 1000 hour salt spray test
- Integral electronic ballast – internal wireway for thru wiring

Performance

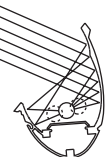
Two parabolic reflector sections drive light across the overhead plane from one edge. An elliptical section redirects its light to a parabola and shields the lamp. Asymmetry is maximized resulting in high beam efficiency and superior surface uniformity. The fast "runback" minimizes wasted spill light.

Note: Lamp light output may be diminished when operated in low ambient temperatures.

For complete photometrics, visit thelightingquotient.com



Adjustable – maximum Cd shown aimed 25° above horizontal.



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To form a Catalog Number

F | 1 | 6 | 4 | - | | | | | - | H | - | | | | - | V | | | |
 1 2 3 4 5 6 7 8

1 Source

F = Linear fluorescent

2 Style

164 = Medium outdoor, 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. T8 lamps by others.

* **NEW** T5HO amalgam lamps are available that produce > 90% of full light output over a broader temperature range than standard lamps – see theLightingQuotient.com or consult factory for specifications.

Project: _____

4 Mounting

H = For use with **mounting hubs** (1/2" rigid conduit supports or fittings supplied by others); or for use with accessory **surface, pendant or cantilever hangers**.

Note: Order either hubs only or hubs with hangers separately. For reflector positions other than horizontal, consult factory.

5 Finish

- 02 = Semi-gloss white
- 06 = Dark bronze
- 07 = Silver
- 08 = Semi-gloss black
- 12 = Green
- 99 = Custom RAL or computer matched color to be specified, consult sales representative.

6 Voltage/Ballast

- Electronic**
- 1 = 120V
- 2 = 277V
- 3 = 347V (Canada)*
- Dimming**
- Application is limited due to minimum 50°F (10°C) starting temperature; consult factory.

*Consult sales representative for availability of 347V.

7 Option

- V0 = Cutoff visor included, no other option
- 00 = Cutoff visor NOT included, no other options (suggested when architectural cove or other detail provides shielding of lens brightness)
- VX = 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

F164 - D255 - H - 08 - 1 - V00

Medium outdoor fluorescent for use with two 54W T5HO lamp in nominal 4 foot reflector. For use with mounting hubs (1/2" rigid conduit supports by others) or accessory hangers. Semi-gloss black powder coat finish. Integral 2-lamp 120V electronic ballast. Cutoff visor included. UL listed or CSA certified for U.S. Order end kit and intermediate mounting hubs or hangers separately.

Type: _____

Hubs Only (order separately)

For use with 1/2" rigid conduit or fittings (supplied by others). Order one hub **end kit** for each individually mounted luminaire or each row. For a continuous row, order one **intermediate** hub for each additional luminaire in the row. Example: a row of six reflectors requires 1 hub end kit and 5 intermediate hubs.

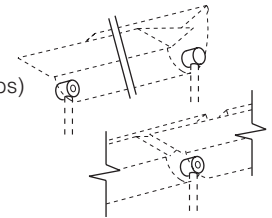
Note: Locate electrical feed at end of row.

HOD _____ 000 = **End kit** (includes 2 mounting hubs)

5 Finish

HOC _____ 000 = **Intermediate** mounting hub

5 Finish



Hubs with Hangers (order separately)

Order one hanger **end kit** for each individually mounted luminaire or each row. For a continuous row, order one **intermediate** hanger for each additional luminaire in the row. Example: three rows of four reflectors requires 3 end kits and 9 intermediate hangers. **Note: Hubs included. End kit includes one electrical feed hanger – locate at end of row.**

- HBA** Surface hanger (intermediate)
- HBB** Surface hanger (end kit/pair)
- HBC** Cantilever hanger (intermediate)
- HBD** Cantilever hanger (end kit/pair)
- HBF** Pendant hanger (intermediate)
- HBG** Pendant hanger (end kit/pair)

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

