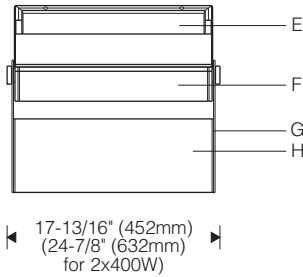
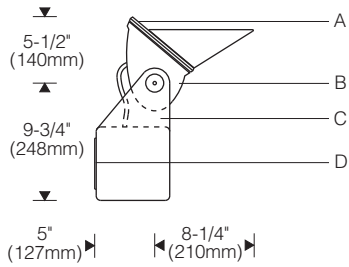
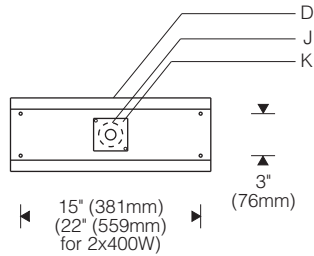


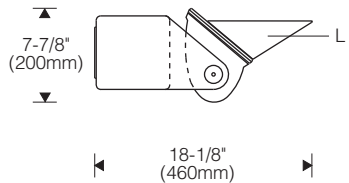
Position 1 1:16 Scale



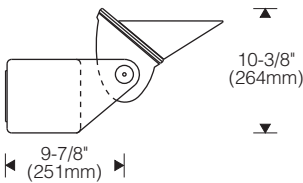
Mounting Plate



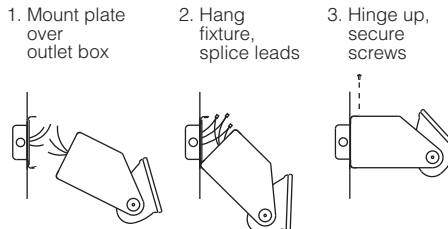
Position 2 1:16 Scale



Position 3 1:16 Scale



Installation



Specifications

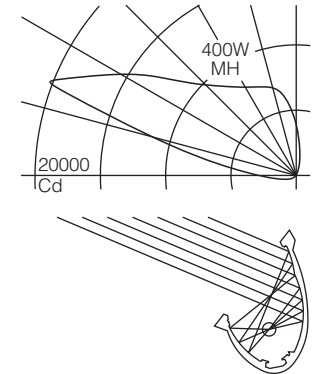
- | | | | |
|---|--|---|--|
| A Mitred extruded aluminum door with silicone gasket | C Aluminum side arms | F Specular extruded aluminum reflector | J 2" dia. opening to access recessed outlet box (by others) |
| B Die-cast aluminum end plates | D Extruded aluminum mounting plate | G Aluminum reveal plates (black) | K Cover plate with 7/8" dia. conduit entry |
| | E Micro-prismatic tempered glass lens | H Extruded aluminum ballast housing | L Perforated or solid cutoff visor (included) |

Features

- Die-cast end plates; thick aluminum sidearms join at articulated black reveals - no exposed fasteners
- Multiple reflector/sidearm positions for design flexibility
- Hinging wall plate eases mounting - optional pendant stem
- Precured silicone gaskets - keep dirt and moisture out
- Integral encapsulated CWA ballast for quiet operation

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.



Finish:

Style 408 smooth - semi-gloss white housing, door frame, end plates, visor, side arms and ballast housing.

Style 409 fluted - bright clear anodized aluminum housing and door frame. Painted end plates, visor, side arms and ballast housing in choice of silver or semi-gloss black.

Visor available solid or perforated. Perforated visor supplied with diffusing translucent insert.

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

Reflector and internal end plates - extruded high purity aluminum with clear anodized specular finish. All luminaire hardware - stainless steel.

Mounting:

Mounting plate covers recessed outlet box or conduit feed and forms reveal at wall. Suitable backing structure required (by others) - weight up to approx. 60 lb/27 kg (2x400W MH). Fixture hinges on plate for hands-free access to splices.

Uplight pendant mounting assembly ordered separately (see Accessories); specify **X** mount 1-way or **Y** mount 2-way.

REV. 8/07

Electrical:

Use 90°C wire for supply connections. Mounting plate supplied with one 7/8" diameter entry for direct conduit feed and a 2" (50mm) diameter opening to access splices in recessed outlet box.

Integral encapsulated constant wattage autotransformer (CWA) ballast.

Mogul lampholder is position oriented for use with either POMB horizontal or universal position lamp. Rotating bracket allows horizontal lamp to be locked in proper position after aiming (except 2x400W). 175W supplied with medium base lampholder. End-of-lamp aligner ensures consistent optical performance.

For complete ballast specifications, see Accessories Section.

Standard:

UL listed or CSA certified for damp locations. (Style 408 painted model recommended for damp locations.) Suitable for use in natatorium (pool) environments (see Options). 2x400W units suitable for upright orientation only.



For complete photometrics, visit www.elliptipar.com

elliptipar

To form a Catalog Number

M | | - | | - | | - | | - V | |
 1 2 3 4 5 6 7 8

1 Source

M = Metal halide



2 Style

408 = Large smooth surface, **integral** ballast

409 = Large fluted surface, **integral** ballast

Note: For damp locations, Style 408 is recommended.

3 Lamp

Lamp Code	Watt-age	Lamp Number	Volt-age(s)	Ballast
Metal Halide*  				
0175	175	MH175/U/MED	A, B, H	CWA
0250	250	MH250/HOR	A, B, H	CWA
0400	400	MH400/HOR	A, B, H	CWA
2400‡	2x400	(2) MH400/HOR	A, B, H	CWA

For complete lamp and ballast information, see Accessories Section.

* Use clear metal halide horizontal or universal position lamp with compact envelope. 250 and 400W lamps are horizontal position oriented mogul base (POMB) that yield higher light output than universal position lamps. Standard lamp colors are 4000K for 175W, 3200K for 250 and 400W.

NEW 150W - 400W compact envelope Pulse Start and Ceramic Metal Halide lamps are available - see www.elliptipar.com or consult factory for specifications.

‡ 2x400W metal halide uses position oriented mogul lampholders that are hinged and fixed in position to upright across the ceiling (±15°).

4 Mounting

Surface

Mounting plate covers conduit feed or recessed outlet box (by others). Choice of three positions:

- 1 = Reflector positioned above ballast housing
- 2 = Reflector positioned in front of ballast housing, side arms sloping downward
- 3 = Reflector positioned in front of ballast housing, side arms sloping upward

Pendant

Reflector is oriented similar to position 2 (in front of ballast housing, side arms sloping downward). Pendant assemblies include appropriate number of luminaires. Order accessory VPN upright pendant separately.

- X = One-way assembly, **single** upright
- Y = Two-way assembly, **two (2)** uprights back-to-back

Project: _____

5 Finish

Style 409 Fluted

Bright anodized aluminum reflector and door frame with painted end plates, sidearms, ballast housing and visor in choice of

- 01 = silver, solid visor
- P1 = silver, perforated visor
- 81 = semi-gloss black, solid visor
- P8 = semi-gloss black, perforated visor

Style 408 Smooth

Semi-gloss white reflector, door frame, end plates, sidearms and ballast housing with choice of

- 02 = solid visor finished white
- P2 = perforated visor finished white
- 99 = Custom RAL or computer matched color to be specified, consult sales representative

6 Voltage

- A = 120V
- B = 277V
- H = 347V (Canada)

7 Option (see Accessories Section for specifications)

- V0 = Cutoff visor included, no other options
- VP = Natatorium (pool) use (Style 408 painted model only)
- VR = Halogen standby lamp with integral relay. 100W maximum (lamp included). Not available for 2x400W metal halide.
- VX = For modification not listed, include detailed description. Consult factory prior to specification.

Note: Cutoff visor included unless specified otherwise.

8 Standard

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

Example

M408 - 0250 - 1 - 02 - B - V00

Large smooth surface model for use with 250W metal halide lamp. Mounting plate attaches to suitable structure over conduit or recessed outlet box (by others). Reflector positioned above ballast housing. Semi-gloss white. Integral 277V ballast. UL. Solid white cutoff visor included.

Type: _____

Accessories

Order separately. See Accessories Section for specifications.

VPN | | | | | = Upright pendant
 1.9" O.D. aluminum stem

0 = UL
 J = CSA

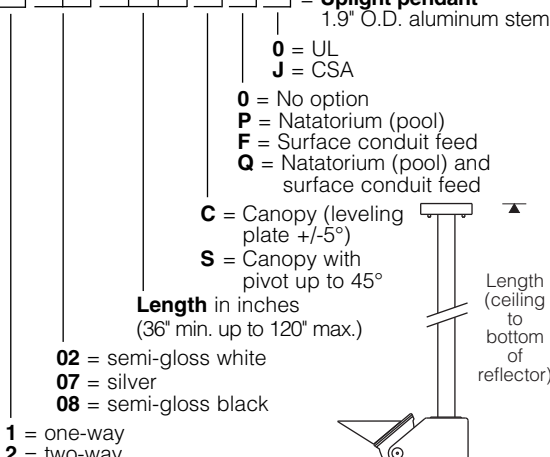
0 = No option
 P = Natatorium (pool)
 F = Surface conduit feed
 Q = Natatorium (pool) and surface conduit feed

C = Canopy (leveling plate +/-5°)
 S = Canopy with pivot up to 45°

Length in inches (36" min. up to 120" max.)

02 = semi-gloss white
 07 = silver
 08 = semi-gloss black

1 = one-way
 2 = two-way

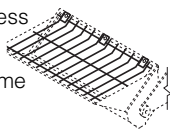


Length (ceiling to bottom of reflector)

Note: Suitable structure required to support up to 130 lb/60kg. For additional pendant specifications, see www.elliptipar.com.

APG | | 0000 = Wire guard, welded stainless steel wire, nickel plated. Lays into visor with clips to attach to top of door frame

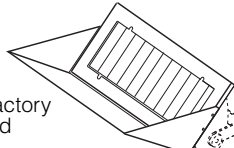
D = 175 - 400W
 F = 2x400W



ACF = Stripped glass color filter, integral to door frame. (accepts standard cutoff visor)



AXF = Interchangeable color filter assembly, exchangeable frame with stripped color glass, visor.



Note: Color filters not suitable for all lamp wattages. Consult factory for complete specifications and ordering information.

AFK000X | | = Ballast fuse kit

0 = UL
 J = CSA

