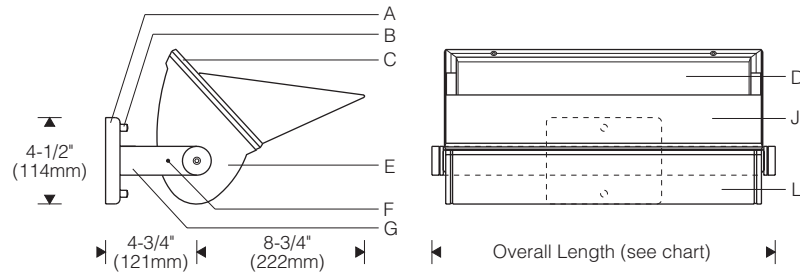
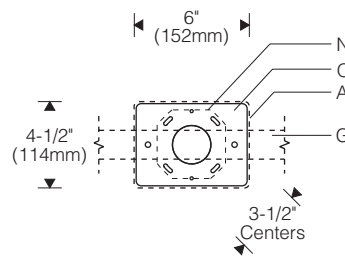


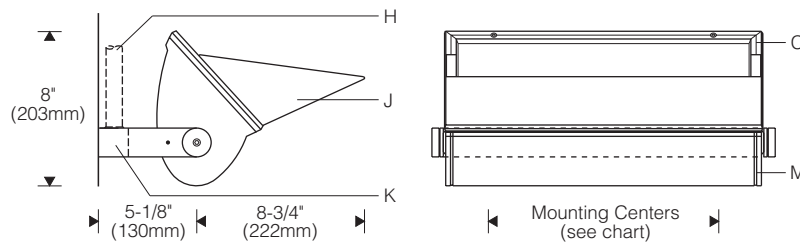
Z Mount 1:10 Scale



Mounting Plate (Z mount)

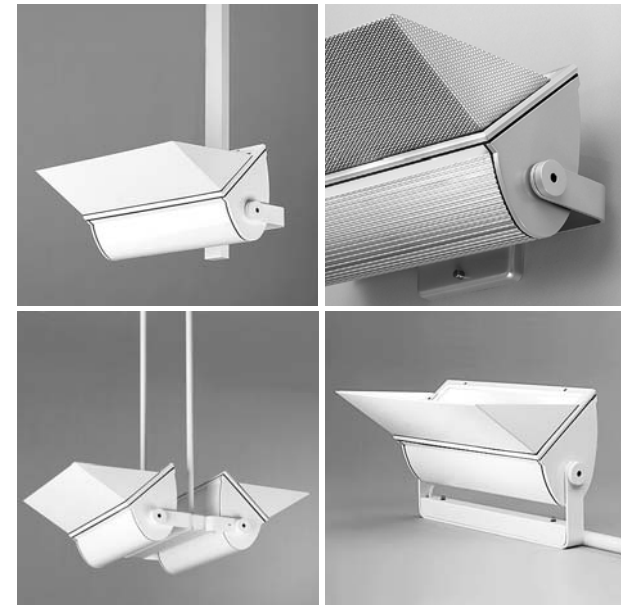


Y Mount 1:10 Scale



Wattage	Source	Length	Mounting*
300-500	Halogen	12-11/16" (306mm)	8-7/8" (225mm)
150	MH		
210-400	MH	17-13/16" (452mm)	14-5/8" (370mm)
2x400	MH	24-7/8" (632mm)	21-11/16" (550mm)
900-1000	Halogen		

*Dimension for Y mount only.



Specifications

- A** Aluminum canopy (Z mount)
- B** Chrome cap nuts
- C** Mitred extruded aluminum door frame with silicone gasket
- D** Micro-prismatic tempered glass lens
- E** Die-cast end plates
- F** Locking set screw
- G** Aluminum yoke
- H** Conduit (by others)
- J** Perforated or solid cutoff visor (included)
- K** Integral splice compartment with conduit entry and removable cover (Y mount)
- L** Specular extruded aluminum reflector
- M** Aluminum reveal plates (black)
- N** Outlet box (by others)
- O** Aluminum mounting plate

Finish:

Style 103 fluted – bright clear anodized aluminum housing and door frame. Painted end plates, visor, yoke and canopy in choice of silver or semi-gloss black.

Style 104 smooth – semi-gloss white exterior.

Visor – solid or perforated with diffusing translucent insert.

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

Reflector, internal end plates – extruded high purity aluminum with clear anodized specular finish. All hardware – stainless steel. All mounting hardware – zinc or cadmium plated.

Mounting:

Z mount – wall plate mounts to recessed outlet box (by others). Canopy conceals mounting plate and hardware.

Y mount – surface mounted yoke attaches with 1/4-20 fasteners (by others) concealed under splice cover.

Uplight pendant (back-to-back) or cantilever mounting assembly ordered separately; specify X mount.

One, two, three or four-way cluster pendant assembly ordered separately (see Accessories); specify 1, 2, 3 or 4 mount.

Electrical:

Use 90°C wire for supply connections.

Y mount – integral splice compartment with one 7/8" diameter entry for exposed raceway/conduit (by others). Entry can be reversed in field to opposite side of yoke.

Tungsten halogen – recessed single contact (RSC) lamp-holders in patented clamping supports for maximum heat dissipation.

Metal halide – remote constant wattage autotransformer (CWA) or electronic ballast. Mogul lampholder is pulse rated for use with either horizontal or universal position reduced envelope pulse start lamps. End-of-lamp aligner ensures consistent optical performance.

For complete ballast specifications, see Accessories Section.

Standard:

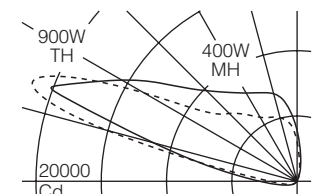
UL listed or CSA certified for damp locations (Style 104 painted model recommended for damp locations). 2x400W MH units suitable for upright orientation only. Where pendant or cantilever may be exposed to wind, consult factory.

Features

- Die-cast end plates join at articulated black reveals; machined aluminum knobs – no exposed fasteners
- Precured silicone gaskets – keep dirt and moisture out
- Lamp support on mogul base lamps ensures arc tube is in optical center
- Yoke set screw – securely locks aiming

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.



For complete photometrics, visit thelightingquotient.com

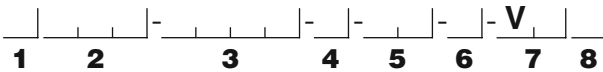


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To form a Catalog Number



1 Source

M = Metal halide
T = Tungsten halogen

2 Style

103 = Large fluted surface, remote ballast
104 = Large smooth surface, remote ballast
Note: For damp locations, Style 104 is recommended.

3 Lamp

Lamp Code	Wattage	Lamp Number	Voltages	Remote Distance
Ceramic Arc Tube Pulse Start Metal Halide (90+ CRI)				
210C	210	CDM210/T9/930/U/E	2, U	30' (9m)
315C	315	CDM315/T9/930/U/E	2, U	30' (9m)

Lamp Code	Wattage	Lamp Number	Voltages	Remote Distance
Ceramic Arc Tube Pulse Start Metal Halide (80+ CRI)*				
150G	150	CDM150/T6/830	1, 2 T, U	15' (4.5m) 5' (1.5m)
250C	250	CMH250/U/830/R	A, B	50' (15m)
400C	400	CMH400/U/830/R	A, B	50' (15m)
240C	2x400	(2) CMH400/U/830/R	A, B	50' (15m)

Lamp Code	Wattage	Lamp Number	Voltages	Remote Distance
Quartz Arc Tube Pulse Start Metal Halide (68 CRI)*				
250P	250	MS 250W/H75/T15/PS/740	A, B 2, U	50' (15m) 16' (4.8m)
320P	320	MS 320W/H75/T15/S/PS/740	A, B 2, U	50' (15m) 16' (4.8m)
350P	350	MS 350W/H75/T15/PS/740	A, B 2, U	50' (15m) 16' (4.8m)

Lamp Code	Wattage	Lamp Number	Voltages
Tungsten Halogen			
0300	300	Q300T3	A
0350	350	Q350T3/CL/HIR	A
0500	500	QT500T3	A
0900	900	Q900T3/CL/HIR	B, G
1000	1000	Q1000T3	F, G

For complete lamp and ballast information, see Accessories Section.
* Use only clear metal halide horizontal or universal position lamp with compact envelope. Standard lamp colors are 3000K for Ceramic Arc Tube Pulse Start lamps and 4000K for Quartz Arc Tube Pulse Metal Halide lamps.

Project: _____

4 Mounting

Z = External yoke on wall plate
Y = External yoke with integral splice compartment
X = External yoke for use with cantilever or pendant (order separately). For use in natatorium, consult factory.

Cluster pendant – assemblies include appropriate number of reflectors and remote ballasts. Order VPC cluster pendant separately.

- 1 = One-way assembly, single reflector
- 2 = Two-way assembly, two (2) reflectors at 180°
- 3 = Three-way assembly, three (3) reflectors at 120°
- 4 = Four-way assembly, four (4) reflectors at 90°

5 Finish

Style 103 Fluted

Bright anodized aluminum reflector and door frame with painted end plates, yoke, canopy 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 104 Smooth

Semi-gloss white reflector, end plates, yoke and canopy 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

Electronic (Metal Halide only):

- 1 = 120V
- 2 = 277V
- T = 120V dim*
- U = 208-277V dim*

Magnetic and Tungsten Halogen:

- A = 120V
- B = 277V
- F = 220V (TH)
- G = 240V (TH)

*100-50% dimming, 0-10V compatible controls by others. Consult factory for dimming the 210W lamp.

7 Option (see Accessories Section for specifications)

- VO = Cutoff visor included, no other options
- VM = MRI medical facility use (halogen Z or Y mount only)
- VP = Natatorium (pool) use, tungsten halogen or metal halide unit with remote ballast located outside the pool environment (Style 104 painted model only)
- VQ = Natatorium (pool) use, metal halide remote ballast suitable for use in the pool environment (Style 104 painted model only)
- VR = Halogen standby lamp with relay field connected at remote ballast. 100W maximum (lamp included). Not available for 2x400W MH.
- VX = For modification not listed, include detailed description. Consult factory prior to specification.

Note: Cutoff visor included unless specified otherwise.

8 Destination Requirement

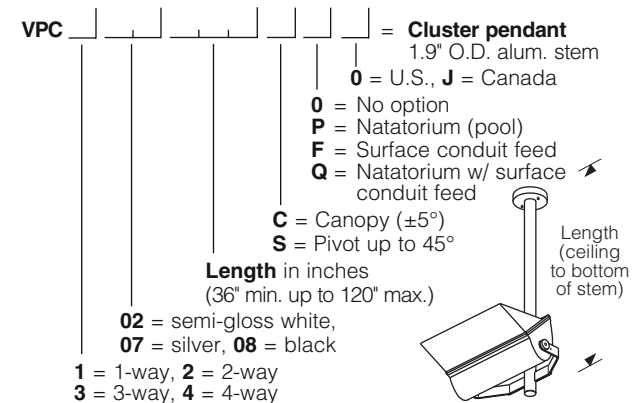
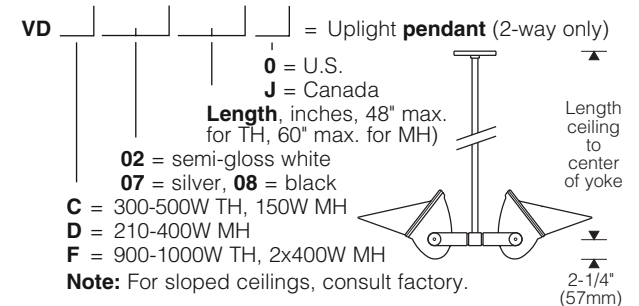
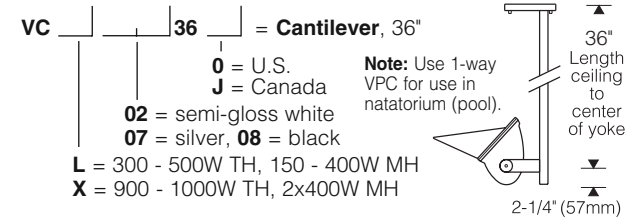
- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

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

Type: _____

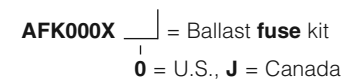
Accessories

Order separately. See Accessories Section for specifications.



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

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



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