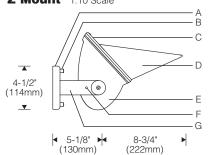
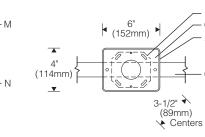
Z Mount 1:10 Scale



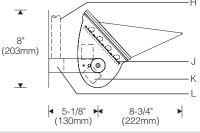
Mounting Plate (Z mount)

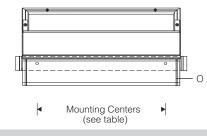


Length = 17-13/16"

of LEDs Length Mounting* 12-1/16"** 8-7/8"** 36 (306mm) (225mm) 17-13/16" 14-5/8" 72 (452mm) (370mm) 24-7/8"** 21-11/16"** 108 (632mm) (550mm) *Mounting dimensions shown for Y mount only. **For mounting codes 1, 2, 3, 4:

Y Mount 1:10 Scale





Length (see table)

Specifications

- A Aluminum canopy (Z mount)
- B Chrome cap nuts
- **C** Mitred extruded aluminum door frame w/ silicone gasket
- **D** Solid cutoff visor (included)
- E Die-cast end plates with aiming marks
- F Locking set screw
- **G** Aluminum yoke
- **H** Conduit (by others)
- J Field serviceable light engine with fragtirTM asymmetric optic

K Integral drivers

- L Integral splice compartment with conduit entry and removable cover (Y mount)
- M Micro-prismatic tempered glass lens

N Extruded aluminum housing

- O Aluminum reveal plate (black)
- **P** Outlet box (by others)
- **Q** Aluminum mounting plate

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

separately (see Accessories); specify 1, 2, 3 or 4 mount.

Electrical:

Use 90°C wire for supply connections. Integral electronic HPF constant current driver. For complete driver specifications, see website, reference document MA-1303.

specify **VP** option for damp locations. Where pendant or cantilever may be exposed to wind, consult factory. 5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Maintains over 90% of initial light output after 36,000 hours
- 2700K through 4000K at 70+, 80+ or 90+ CRI
- All aluminum and stainless steel construction
- Fully adjustable and lockable aiming with aiming index
- Universal voltage drivers and light engines are serviceable for replacement or upgrade

Optic Assembly:

Two-piece extruded aluminum heat sink housing and light engine. Exterior heat sink anodized for maximum emissivity. Removable interior extrusion treated to maximize thermal conductivity. Precision formed asymmetric optical light bar of high temperature, water-clear acrylic. Tempered microprismatic glass lens with elliptical distribution holographic diffuser; maximizes lateral distribution without disturbing asymmetric forward throw.

Finish:

Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset polyester powder coating for a durable abrasion, fade and corrosion resistant finish. Formed aluminum visor.

Extruded aluminum heat sink/housing, canopy, yoke, door frame and decorative end plates are finished in semigloss white. All luminaire hardware is stainless steel: mounting hardware is zinc or electroplated steel.

Mounting:

7/15

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.

One, two, three or four-way cluster pendant assembly ordered

Standard:

CSA certified to UL1598, UL8750, CSA C22.2 for dry locations;



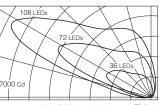




Performance

fragtir technology uses a combination of refraction and total internal reflection. creating a distribution of light ideal for illuminating surfaces uniformly. Glare is minimized while light delivered to the target is maximized, resulting in high application efficiency.

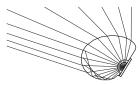
For photometric and lumen maintenance reports, visit thelightingquotient.com



L90(6k) > 36,000 per TM-21

SC

12.0







1 Source

S = Solid State (LED)

2 Style

104 = Large surface, integral driver

3 Drive Current/Length/No. of LEDs

Solid State LED with **fraqtir** optics. Choose drive current code/ number of LEDs in options below.

Lumen/Wattage Options					
LAMP CODE	FIXTURE LENGTH	INPUT WATTS	LUMENS	NUMBER OF LEDs	DRIVE CURRENT
5036	12-1/16"	56W	3812	36 LEDs	500mA
5072	17-13/16"	110W	7569	72 LEDs	500mA
5108	24-7/8"	165W	11365	108 LEDs	500mA

Based on 4000K, 70+CRI. Click here for scaled performance table.

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 (order VPC pendant separately):

I = One-way assembly, single housing

2 = Two-way assembly, two (2) housings at 180°

3 = Three-way assembly, three (3) housings at 120°

4 = Four-way assembly, four (4) housings at 90°

5 Finish

02 = Solid visor: semigloss white finish

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

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V

M = 120-277V

elliptipar

with fractir™LED

*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

7 Option (see Accessories Section for specifications)

V0 = Cutoff visor included, no other options

VP = Natatorium (pool) use

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

9 Color Temperature

27 = 2700K, 80+ CRI **2H** = 2700K, 90+ CRI

30 = 3000K, 80+ CRI **3H** = 3000K, 90+ CRI

35 = 3500K, 80+ CRI **40** = 4000K, 80+ CRI

= 4000K, 80+ CRI **4L** = 4000K, 70+ CRI

Additional CCT and CRI options are available; consult factory

10 Dimming**

00 = Non-dimming

TE = Trailing Edge Dimming 120-277V input, dimming range

100-10%, line voltage trailing edge/reverse phase/ELV dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, dimming range 100% 0.1%, 0-10V controls by others

ED = eldoLED SOLOdrive 120-277V input, dimming range 100% 0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

108 LEDs @ 500mA (3000K/80+CRI) shown. Use 1.23 multiplier for 4000K/70+CRI.



Registration Number: 3HVJ-IXB1BP (2/26/2015) Model Number: S104-5108-X-02-1-V0-0-30-00 Type: Luminaire - Wallwash

The external shapes of the housings are trademarks of Sylvan R. Shemitz Designs, LLC dba **The Lighting Quotient**, makers of **elliptipar**, **tambient** and **fraqtir**.

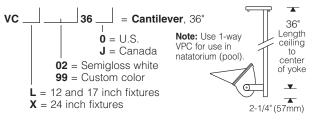
elliptipar from The Lighting Quotient

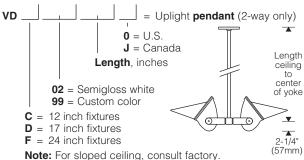
114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com

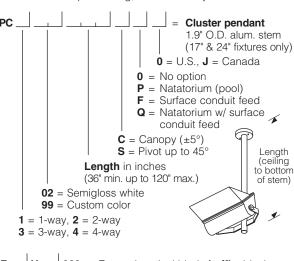
Type:

Accessories

Order separately. See Accessories Section for specifications.









 \mathbf{F} = 24 inch fixtures

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