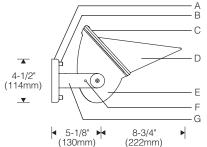
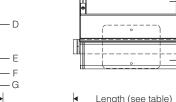
# Lighting the Ceiling Large indoor, integral driver

### Z Mount 1:10 Scale





F Locking set screw

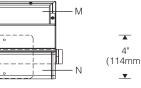
H Conduit (by others)

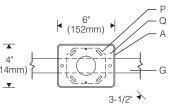
light engine with

asymmetric optic

J Field serviceable

**G** Aluminum yoke





Solid State (LED) . . . . . . Mounting Plate (Z mount)

> (89mm) Centers



(130mm)

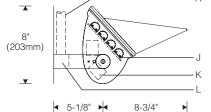
A Aluminum canopy (Z mount)

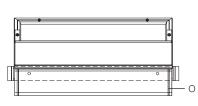
**C** Mitred extruded aluminum

**D** Solid cutoff visor (included)

E Die-cast end plates with

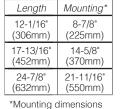
door frame w/ silicone gasket





• Mounting Centers (see table)

K Integral drivers



shown for Y mount only.

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

Uplight pendant (back-to-back) or cantilever mounting assembly utilizes required mounting hangers (see pg. SC12.1) ordered and priced separately; specify X mount.

One, two, three or four-way cluster pendant assembly utilizes required mounting hangers (see pg. SC12.1) ordered and priced separately; specify 1, 2, 3 or 4 mount.

Fixture weights: 12" fixture 12.0 lb (5.4 kg); 17" fixture 16.0 lb (7.3 kg); 24" fixture 22.0 lb (10.0 kg).

### Electrical:

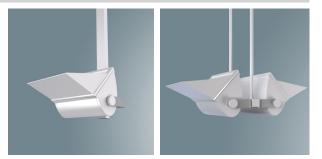
Use 90°C wire for supply connections. Integral electronic HPF constant current driver. For complete driver specifications, see website, reference document MA-1303.

### Standard:

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



# Style S104





# Features

- Maintains over 80% of initial light output beyond 60,000 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

### Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating surfaces evenly.

For LM79 and



L90(10k) > 60.000 hrs. @ 25°C per TM-21





### aiming marks **Optic Assembly:**

**Specifications** 

B Chrome cap nuts

Two-piece extruded aluminum heat sink housing and light engine. Exterior heat sink anodized for maximum emissivity. Precision extruded polymer refractive lens with optimized asymmetric distribution. Light engine may be removed for service or upgrade. Clear Tempered microprismatic glass lens. Stainless steel hardware.

(222mm)

### 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.

### Mountina:

4/21

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

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

L Integral splice compartment with conduit entry and removable cover (Y mount)

- M Micro-prismatic tempered glass lens
- N Extruded aluminum
  - O Aluminum reveal plate

# **To Order**

#### To form a Catalog Number Project: S 1 0 4 -8 1 2 3 5 6 7 9 10

# 1 Style

**S104** = Large smooth surface mounted asymmetric uplight with visor and integral driver

# 2 Output / Power

- S = Standard output
- H = High output

#### 3 Length

- 12 = 12 inch (24W standard, 51W high output)
- 18 = 18 inch (51W standard, 101W high output)
- 24 = 24 inch (73W standard, 152W high output)

See Scaled Performance Table

#### 4 Mounting

- **Z** = External yoke on wall plate
- **Y** = External yoke with integral splice compartment
- $\mathbf{X}$  = External voke for use with cantilever or pendant (required mounting hangers for X mount ordered and priced separately).

Cluster pendant assemblies (each requires a VPC pendant, ordered and priced separately):

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

#### 5 Finish

12.1

02 = Semigloss white	13 = Matte Black	22 = Matte White
06 = Dark bronze*	15 = Metallic	<b>PL</b> = Platinum
<b>07</b> = Silver*	17 = Champagne*	99 = Custom or RAL
<b>08</b> = Semigloss black	18 = Copper*	consult rep.*

02	22*	PL*	07*	15*
08	13*	06*	18*	17*

\* = non-cancellable/returnable

#### 6 Voltage

- Μ 120-277V Universal voltage input =
- **K** = 347V input



#### 7 Option

- **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 = CSA certified for U.S.
- = CSA certified for Canada

#### 9 Color Temperature / CRI

927 = 2700K, 90+ CRI 930 = 3000K, 90+ CRI 935 = 3500K. 90+ CRI 940 = 4000K. 90+ CRI

tunable white TWH = Tunable White 2700K-6500K 90+CRI **RGB** = Color tunable

RGBW with

3500K. 90+ CRI white Note: Additional CCT and CRI options are available: consult factory.

#### Dimming 10

### **00** = Non-dimmina

- **ZX** = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others
- EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others
- ED = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others
- **TD** = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others
- by others
- by others)
- **DM** = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)

# Controls

AWB-TP-DMX-0 = RGBW LED dimmer switch fits in a standard wall switch box and provides on/off control as well as fixed levels of dimmability. The dimmer switch has a color-selection wheel for thousands of color options

Additional Wired and wireless controls available, see Driver and Controls Information

### elliptipar from The Lighting Quotient

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

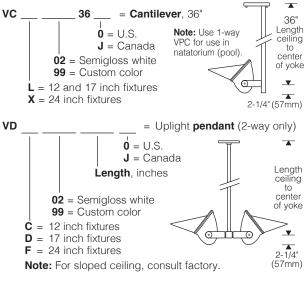
1 2 2



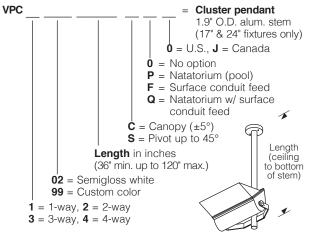
# **Required Mounting Hangers**

Required mounting hangers for X mount fixtures are ordered and priced separately. See installation sheets on website.

# VCL, VCX, VDC, VDD or VDF required for mounting option X:



# VPC required for mounting options 1, 2, 3, 4:



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- **DZ** = TWH 2-Channel driver for use with (2) 0-10V controls
- **DD** = TWH 2-Channel DALI driver (DALI controls by others)
- **DA** = RGBW 4-Channel DMX module (DMX controls

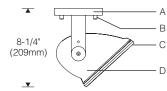
# Lighting the Wall Large indoor, integral driver

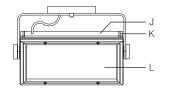
# Solid State (LED) Canopy (E mount)

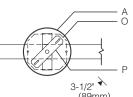
# Style S104

#### E Mount 1:10 Scale

Y Mount 1:10 Scale







Mounting\*

8-7/8"

(225mm)

14-5/8"

(370mm)

21-11/16"

(550mm)

Length

12-1/16"

(306mm)

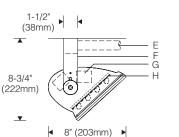
17-13/16"

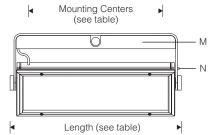
(452mm)

24-7/8"

(632mm)







### **Specifications**

- A Aluminum canopy (E mount)
- B Chrome cap nuts

**Optic Assembly:** 

**C** Mitred extruded aluminum door frame w/ silicone gasket

glass lens. Stainless steel hardware.

abrasion, fade and corrosion resistant finish.

hardware is zinc or electroplated steel.

Two-piece extruded aluminum heat sink housing and light

Precision extruded polymer refractive lens with optimized

asymmetric distribution. Light engine may be removed for

service or upgrade. Clear Tempered microprismatic

engine. Exterior heat sink anodized for maximum emissivity.

Painted surfaces - 6 stage pretreatment and electrostatically

applied thermoset polyester powder coating for a durable

Extruded aluminum heat sink/housing, canopy, yoke, door

frame and decorative end plates are finished in semigloss

E mount – Round canopy plate mounts to recessed outlet box

(by others). Canopy conceals mounting plate and hardware.

white. All luminaire hardware is stainless steel; mounting

- D Die-cast end plates with aiming marks
- E Conduit (by others) F Aluminum voke
- G Integral drivers
- H Field serviceable light engine with asymmetric optic
- J Specular extruded aluminum housing
- K Aluminum reveal plate (black) L Micro-prismatic tempered
  - alass lens
- M Integral splice compartment with conduit entry and removable cover (Y mount)
  - N Locking set screw
- **O** Outlet box (by others)

\*Mounting dimensions

shown for Y mount only.

P Pivoting hanger bar

tunable white

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

Wallwash pendant or cantilever mounting assembly utilizes required mounting hangers (see pg. SW15.1) ordered and priced separately; specify X mount.

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

Fixture weights: 12" fixture 12.0 lb (5.4 kg); 17" fixture 16.0 lb (7.3 kg); 24" fixture 22.0 lb (10.0 kg).

### Standard:

CSA certified to UL1598, UL8750, CSA C22.2 for dry locations; specify **OP** 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).

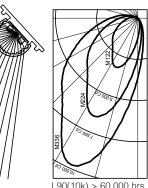


# **Features**

- Maintains over 80% of initial light output beyond 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

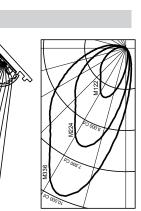
# Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating vertical surfaces evenly from top to bottom.



For LM79 and photometric reports. visit thelightingguotient.com





SW

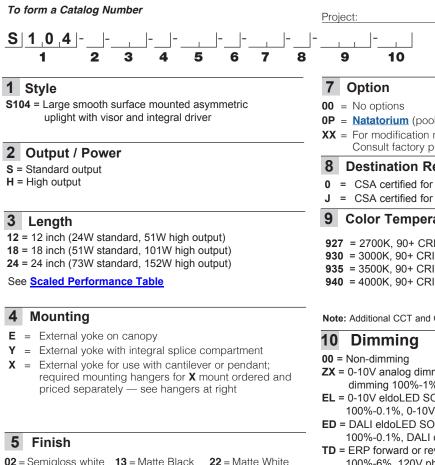
15.0

Mountina:

Finish:

L90(10k) > 60,000 hrs. @ 25°C per TM-21

# **To Order**



02 = Semigloss white	13 = Matte Black	22 = Matte White
<b>06</b> = Dark bronze*	15 = Metallic	<b>PL</b> = Platinum
07 = Silver*	17 = Champagne*	99 = Custom or RAL,
08 = Semigloss black	18 = Copper*	consult rep.*
	1	A REAL PROPERTY AND A REAL

02	22*	PL*	07*	15*
08	13*	06*	18*	17*
*	n n n n l n h l n /r n t u	mabla		

\* = non-cancellable/returnable

#### 6 Voltage

- M = 120-277V Universal voltage input
- **K** = 347V input



- **OP** = <u>Natatorium</u> (pool) use
- XX = For modification not listed, include detailed description. Consult factory prior to specification

# **Destination Requirement**

- = CSA certified for U.S.
- CSA certified for Canada

# Color Temperature / CRI

- 927 = 2700K, 90+ CRI
- 940 = 4000K, 90+ CRI

RGB = Color tunable RGBW with

2700K-6500K 90+CRI

rabw

1 2 3

**TWH** = Tunable White

3500K, 90+ CRI white Note: Additional CCT and CRI options are available; consult factory.

- **ZX** = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others
- EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others
- ED = DALI eldoLED SOLOdrive, 120-277V input, dimmina 100%-0.1%. DALI controls by others
- **TD** = ERP forward or reverse phase 120V only, dimming 100%-6%. 120V phase controls by others
- DZ = TWH 2-Channel driver for use with (2) 0-10V controls by others
- **DD** = TWH 2-Channel DALI driver (DALI controls by others)
- DA = RGBW 4-Channel DMX module (DMX controls by others)
- **DM** = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)

# Controls

AWB-TP-DMX-0 = RGBW LED dimmer switch fits in a standard wall switch box and provides on/off control as well as fixed levels of dimmability. The dimmer switch has a color-selection wheel for thousands of color options

Additional Wired and wireless controls available, see Driver and Controls Information

### elliptipar from The Lighting Quotient

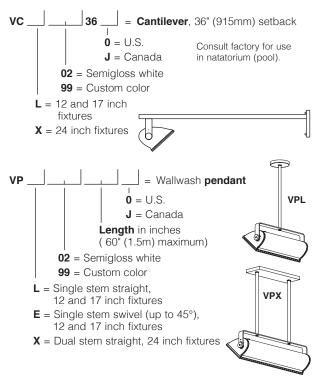
114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 Fax 203.931.4464 thelightingquotient.com

#### Type:

# **Required Mounting Hangers**

Required mounting hangers for **X** mount fixtures are ordered and priced sparately. See installation sheets on website.

# VCL. VCX. VDC. VDD or VDF required for mounting option X:



# Accessories

Order separately. See Accessories Section for specifications.



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

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SW

15.1