

style S104

Large indoor, integral driver



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Lighting the Ceiling



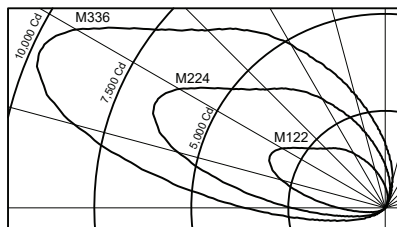
Lighting the Wall

Features

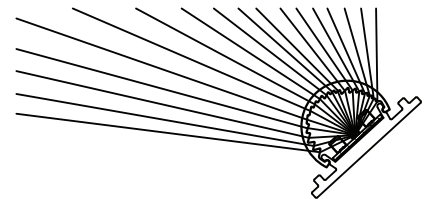
- Over 17,000 delivered lumens
- All aluminum and stainless steel construction
- Fully adjustable and lockable aiming with aiming index
- Surface, pendant, cantilever or track mounting
- Static white (2700K, 3000K, 3500K, 4000K)
- Dim-to-Warm, Tunable White, RGBW
- Serviceable drivers and light engines

Performance

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



L85(17k) > 104,000 hrs. @ 25°C per TM-21
L85(9k) > 54,000 hrs. @ 25°C per TM-21



For LM79 and photometric reports, visit thelightingquotient.com

PROJECT				TYPE				CATALOG NUMBER			
S	1	0	4								
	1	2	3	4	5	6	7	8	9	10	

1 STYLE

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

2 OUTPUT / POWER

S = Standard output
H = High output

3 LENGTH

ORDER CODE	LENGTH	LUMENS	INPUT WATTS
S-12	12"	2927	24
H-12	12"	5585	51
S-18	18"	5854	49
H-18	18"	11170	102
S-24	24"	8781	73
H-24	24"	16756	153

Based on 3500K, 90+ CRI See [Scaled Performance Table](#)

4 MOUNTING

Z = External yoke on wall plate
E = External yoke on canopy
Y = External yoke with integral splice compartment
X = External yoke for use with cantilever or pendant; required mounting hangers for **X** mount ordered and priced separately — see hangers at right

NOTE: 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°
3 = Three-way assembly, **three (3)** housings at 120°
4 = Four-way assembly, **four (4)** housings at 90°

5 FINISH

** non-cancellable / non-returnable*

02 = Semigloss White	13 = Matte Black*	22 = Matte White*
06 = Dark Bronze*	15 = Metallic*	PL = Platinum*
07 = Silver*	17 = Champagne*	99 = Custom or RAL (Consult Rep.)
08 = Semigloss Black	18 = Copper*	

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

6 VOLTAGE

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

7 OPTIONS

(see Accessories Section for specifications)

00 = No options
OP = [Natatorium](#) (pool) use
VO = Cutoff visor (recommended for uplighting)
VP = Cutoff visor, [natatorium](#) (pool) use
XX = For modifications not listed, include detailed description. Consult factory prior to specification.

8 DESTINATION REQUIREMENT

O = CSA certified for U.S.
J = CSA certified for Canada

9 COLOR TEMPERATURE / CRI

927 = 2700K, 90+ CRI	D2W = Dim-to-Warm 2200K-3000K, 90+ CRI, other CCTs available
930 = 3000K, 90+ CRI	TWH = Tunable White; 2700K-6500K, 90+ CRI
935 = 3500K, 90+ CRI	RGB = Color Tunable; RGBW with 3500K, 90+ CRI white
940 = 4000K, 90+ CRI	

NOTE: Additional CCT and CRI options are available; consult factory.

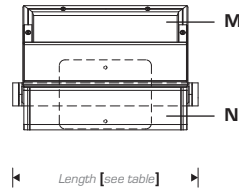
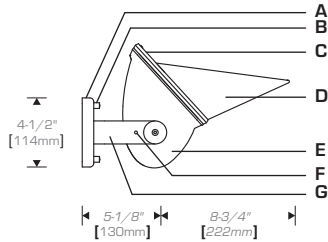
Static
Dim2Warm
Tunable
RGBW

10 DIMMING

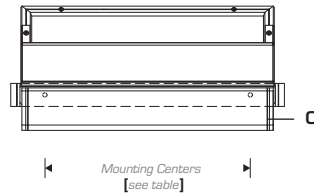
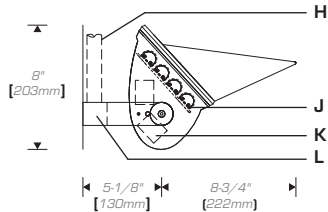
00 = Non-dimming
ZX = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others
TD = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others
EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others
ED = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others
DZ = D2W or TWH 2-Channel driver for use with 0-10V controls by others
DD = D2W or 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)

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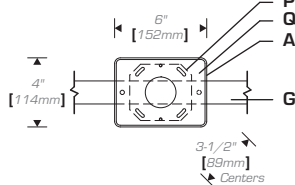
Z Mount



Y Mount



Mounting Plate (Z Mount)

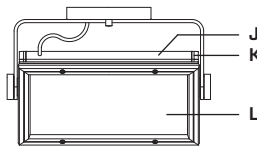
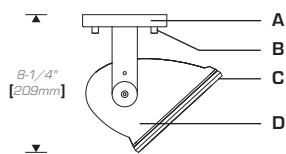


MOUNTING CENTERS [Y Mount]	
LENGTH	
12-1/16" [306mm]	8-7/8" [225mm]
17-3/16" [452mm]	14-5/8" [370mm]
24-7/8" [632mm]	21-11/16" [518mm]

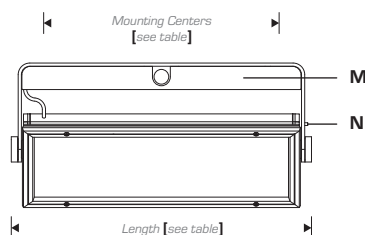
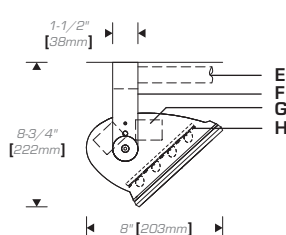
- A** Aluminum canopy (Z mount)
- B** Chrome cap nuts
- C** Mitered extruded aluminum door frame w/ silicone gasket
- D** Solid cutoff visor (included)
- E** Die-cast end plates with aiming marks
- F** Locking set screw
- G** Aluminum yoke
- H** Conduit (by others)
- J** Field serviceable light engine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

Lighting the Wall Large indoor, integral driver

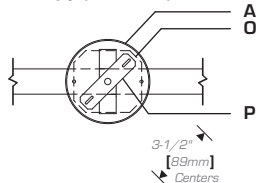
E Mount



Y Mount



Canopy (E Mount)



MOUNTING CENTERS [Y Mount]	
LENGTH	
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24-7/8" [632mm]	21-11/16" [518mm]

- A** Aluminum canopy (E mount)
- B** Chrome cap nuts
- C** Mitered extruded aluminum door frame w/ silicone gasket
- D** Die-cast end plates with aiming marks
- E** Conduit (by others)
- F** Aluminum yoke
- 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 glass lens
- M** Integral splice compartment with conduit entry and removable cover (Y mount)
- N** Locking set screw
- O** Outlet box (by others)
- P** Pivoting hanger bar

Specifications

Optic Assembly:

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 micropismatic glass lens. Stainless steel hardware.

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 (Lighting the Ceiling):

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 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).

Mounting (Lighting the Wall):

E-mount – Round canopy 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.

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).

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 **OP/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).

Controls

LiQ luminaires are compatible with a wide variety of wired and wireless controls and sensors. See [Controls Information](#).

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, 10 dynamic color-changing/single color modes, 0-100% dimming, on/off controls, and 4 color-specific channel controls for red, green, blue, and white.

Additional wired and wireless controls available, see [Driver and Controls Information](#).



Required Mounting Hangers

Lighting The Ceiling

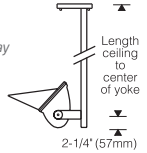
Required mounting hangers for **X** mount fixtures are ordered and priced separately. See installation sheets on website. **VCL**, **VCX**, **VDC**, **VDD** or **VDF** required for mounting option **X**:

VC 36" = Cantilever, 36" (915mm) setback

O = U.S.
J = Canada
02 = Semigloss white
99 = Custom color

L = 12 and 17 inch fixtures
X = 24 inch fixtures

NOTE: Use 1-way VPC for use in natatorium (pool).

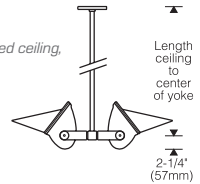


VD = Uplight Pendant (2 way only)

O = U.S.
J = Canada
Length in inches
02 = Semigloss white
99 = Custom color

C = 12 inch fixtures
D = 17 inch fixtures
F = 24 inch fixtures

NOTE: For sloped ceiling, consult factory.



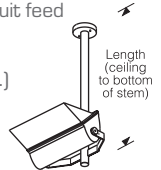
VPC required for mounting options **1**, **2**, **3**, **4**:

VPC = Cluster pendant 1.9" O.D. alum. stem (17" & 24" fixtures only)

O = U.S.
J = Canada
O = No option
P = **Natatorium** (pool)
F = Surface conduit feed
Q = **Natatorium** w/ surface conduit feed
C = Canopy (±5°)
S = Pivot up to 45°
Length in inches (36" min. up to 120" max.)

02 = Semigloss white
99 = Custom color

1 = 1-way, **2** = 2-way
3 = 3-way, **4** = 4-way



Lighting The Wall

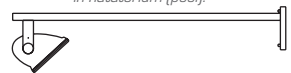
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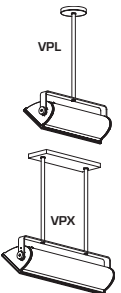
VP = Wall wash pendant

O = U.S.
J = Canada

Length in inches (60" (1.5m) maximum)

02 = Semigloss white
99 = Custom color

L = Single stem straight, 12 and 17 inch fixtures
E = Single stem swivel (up to 45°), 12 and 17 inch fixtures
X = Dual stem straight, 24 inch fixtures



Accessories

Order separately. See Accessories Section for specifications.

AE **V** **000** = External vertical blade baffle, black

2 = 25° shielding
4 = 45°

C = 12 inch fixtures
D = 17 inch fixture
F = 24 inch fixtures

