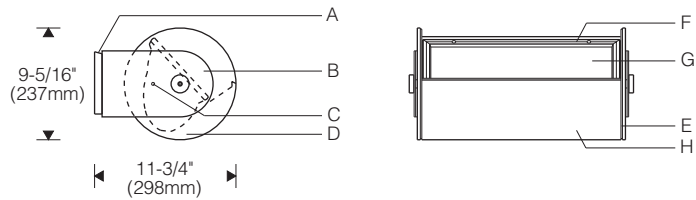
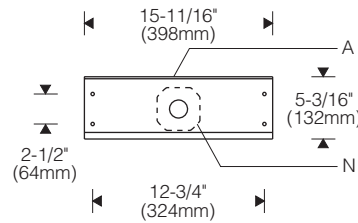


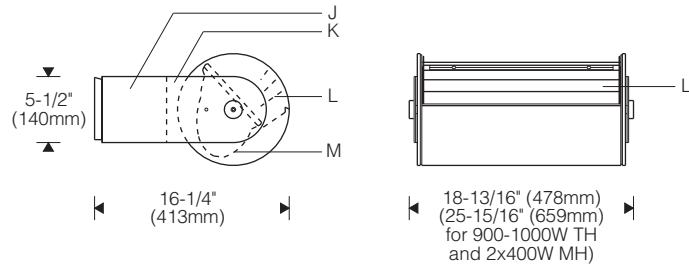
Style 107 1:16 Scale



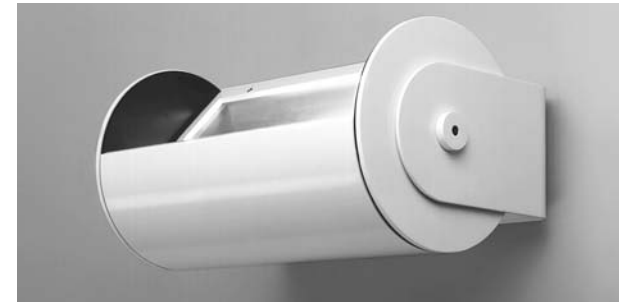
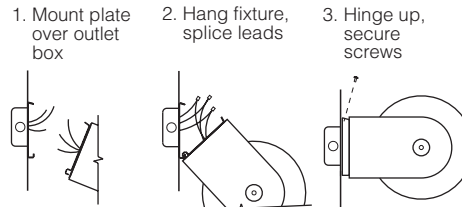
Mounting Plate



Style 108 1:16 Scale



Installation



Specifications

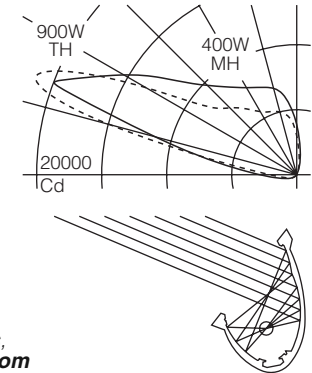
- | | | | |
|--|---|--|---|
| A Formed steel latch/hinge mounting plate | E Reveal plates (black) | H Extruded aluminum cylindrical housing | L Optional horizontal blade baffle (black) |
| B Aluminum yoke | F Mitred extruded aluminum door frame with silicone gasket | J Extruded aluminum ballast housing | M Specular extruded aluminum reflector |
| C Locking set screw | G Micro-prismatic tempered glass lens | K Aluminum side arms | N Outlet box (by others) |
| D 1/4" aluminum end plates | | | |

Features

- Extruded cylindrical housing encloses the rigid reflector
- 1/4" aluminum end plate joins at articulated black reveal with machined aluminum knob
- Regressed lens – provides substantial cutoff of brightness
- Precured silicone gaskets – keep dirt and moisture out
- Hinged mounting – easy to install, forms reveal at wall

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

Finish:

Semi-gloss white exterior, door frame, end plates, yoke and ballast enclosure. Black mounting plate and reveal plates. 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. Suitable backing required by others – approximate weights are 25 lb/11 kg for Style 107 and 62 lb/28 kg for Style 108. Fixture hinges on wall plate for hands-free access to splices.

One or two-way pendant assembly ordered separately for Style 107 units; specify **X** mount. Ballast(s) are integral to pendant assembly.

Electrical:

Use 90°C wire for supply connections.

Tungsten halogen (Style 107) – recessed single contact (RSC) lampholders in patented clamping supports for maximum heat dissipation.

Metal halide – remote (Style 107) or integral (Style 108) 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.

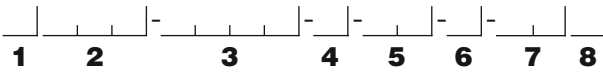
For complete ballast specifications, see Accessories Section.

Standard:

UL listed or CSA certified for damp locations. 2x400W MH units suitable for upright orientation only.



To form a Catalog Number



1 Source

M = Metal halide
T = Tungsten halogen

2 Style

107 = Large cylinder, remote ballast
108 = Large cylinder, integral ballast

3 Lamp

Lamp Code	Wattage	Lamp Number	Voltages	Remote Distance
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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)

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)

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)

Tungsten Halogen

0300	300	Q300T3	A	
0350	350	Q350T3/CL/HIR	A	
0500	500	Q500T3	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

S = Latch/hinge mounting plate for recessed outlet box
Note: Where surface raceway/conduit is required, see Style 153/154 in Outdoor Section
 X = For use with one or two-way uplight pendant assembly (order separately). Style 107 units only.
 For use in natatorium (pool), consult factory.

5 Finish

02 = Semi-gloss 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)

00 = No options
 0B = Horizontal radial blade baffle, matte black. Provides horizontal cutoff of lens brightness when maximum candlepower is aimed at 35° above horizontal.
 0P = Natatorium (pool) use, Style 108 integral ballast or Style 107 tungsten halogen or metal halide with remote ballast located outside the pool environment
 0Q = Natatorium (pool) use, Style 107 metal halide with remote ballast located within the pool environment
 0R = Halogen standby lamp with relay. Relay is field connected at remote ballast for Style 107, integral for Style 108. 100W maximum (lamp included). Not available for 2x400W metal halide.
 XX = For modification not listed, include detailed description. Consult factory prior to specification.

8 Destination Requirement

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

Example

M108 - 400C - S - 02 - B - 00J

Large cylinder for use with 400 watt ceramic arc tube pulse start metal halide lamp. Latch/hinge mounting plate for recessed outlet box. Semi-gloss white. Integral 277V ballast. UL listed or CSA certified for Canada.

Type: _____

Accessories

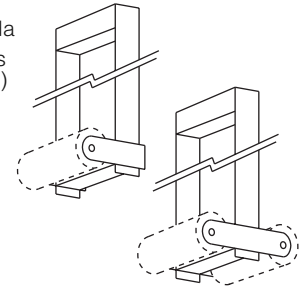
Order separately. See Accessories Section for specifications.

VA 02 = Uplight pendant, semi-gloss white, Style 107 units only (ballast(s) integral to assembly)

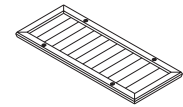
0 = U.S.
 J = Canada

Length in inches (60" (1.5m) max.)

D = 1-way assembly for nominal 19" cylinder
 E = 2-way assembly for nominal 19" cylinder
 F = 1-way assembly for nominal 26" cylinder
 G = 2-way assembly for nominal 26" cylinder



ACF = Stripped glass color filter, integral to door frame.
Note: Not suitable for all lamp wattages. Consult factory for complete specifications and ordering information.



AFK000X = Ballast fuse kit
 0 = U.S.
 J = Canada

