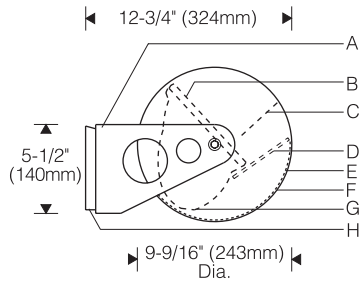
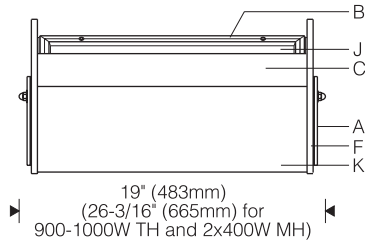
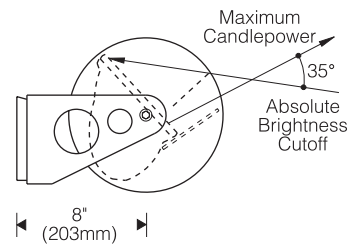


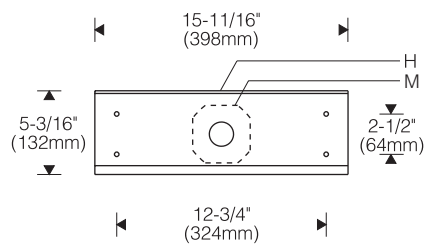
**Style 137** 1:12 Scale



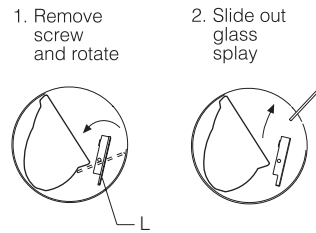
**Radial Baffle**



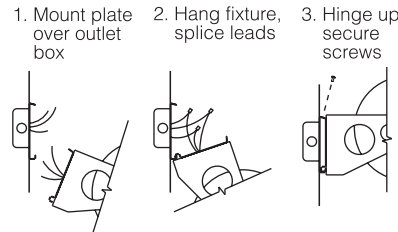
**Mounting Plate**



**Splay Assembly** (Luminous housing)



**Installation**



**Specifications**

- |   |   |   |   |
|---|---|---|---|
| <b>A</b> Aluminum yoke  | <b>D</b> Splay – translucent tempered glass for <b>L1</b> luminous housing; white aluminum for <b>P1</b> non-luminous housing | <b>F</b> Spun aluminum end plates             | <b>K</b> Perforated rolled aluminum housing |
| <b>B</b> Mitred extruded aluminum door frame with silicone gasket | <b>E</b> Translucent insert ( <b>L1</b> luminous housing)   | <b>G</b> Specular extruded aluminum reflector | <b>L</b> Hinged glass splay                 |
| <b>C</b> Radial blade baffle, black on bottom, diffuse on top     |   | <b>H</b> Steel mounting plate                 | <b>M</b> Outlet box (by others)             |
|   |   | <b>J</b> Micro-prismatic tempered glass lens  |   |

**Finish:**

Perforated rolled aluminum housing. Bright clear anodized aluminum housing and end plates with brushed aluminum yoke. Door frame, internal end plates and mounting plate are finished black.

**L1 finish** – illuminated housing with translucent glass splay and non-yellowing translucent insert behind perforations for diffuse glow. Splay is hinged and removable for cleaning.

**P1 finish** – non-illuminated housing with white aluminum splay.

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 (by others) and

forms reveal at wall. Suitable support required (by others). Fixture hinges on plate for hands-free access to splices.

**Electrical:**

Use 90°C wire for supply connections.

Tungsten halogen – recessed single contact (RSC) lampholders 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 107/108 extruded cylinder recommended for damp locations). 2x400W MH units suitable for upright orientation only.

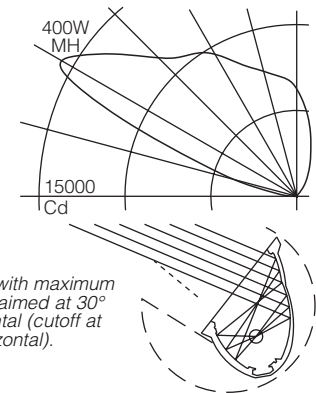
**Features**

- Distinctive perforated housing in bright clear anodize with styled brushed aluminum yoke
- Luminous perforated housing with optional translucent glass splay – removes for cleaning
- Round end plate – consistent profile regardless of aiming
- Radial baffle – provides shielding within the cylindrical form



**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.



Note: Shown with maximum candlepower aimed at 30° above horizontal (cutoff at 5° below horizontal).

For complete photometrics, visit [theightingquotient.com](http://theightingquotient.com)

To form a Catalog Number

1
3
7
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W
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B
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7
8

**1 Source**

M = Metal halide  
T = Tungsten halogen

**2 Style**



137 = Large ...the dotted line cylinder, remote ballast

**3 Lamp**

Lamp Code	Wattage	Lamp Number	Voltages	Remote Distance
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Ceramic Arc Tube Pulse Start Metal Halide (90+ CRI) 

<b>210C</b>	210	CDM210/T9/930/U/E	<b>2, U</b>	30' (9m)
<b>315C</b>	315	CDM315/T9/930/U/E	<b>2, U</b>	30' (9m)

Ceramic Arc Tube Pulse Start Metal Halide (80+ CRI)\*  

<b>150G</b>	150	CDM150/T6/830	<b>1, 2</b>	15' (4.5m)
			<b>T, U</b>	5' (1.5m)
<b>250C</b>	250	CMH250/U/830/R	<b>A, B</b>	50' (15m)
<b>400C</b>	400	CMH400/U/830/R	<b>A, B</b>	50' (15m)
<b>240C</b>	2x400	(2) CMH400/U/830/R	<b>A, B</b>	50' (15m)

Quartz Arc Tube Pulse Start Metal Halide (68 CRI)\* 

<b>250P</b>	250	MS 250W/H75/ T15/PS/740	<b>A, B</b>	50' (15m)
			<b>2, U</b>	16' (4.8m)
<b>320P</b>	320	MS 320W/H75/ T15/S/PS/740	<b>A, B</b>	50' (15m)
			<b>2, U</b>	16' (4.8m)
<b>350P</b>	350	MS 350W/H75/ T15/PS/740	<b>A, B</b>	50' (15m)
			<b>2, U</b>	16' (4.8m)

Tungsten Halogen 

<b>0300</b>	300	Q300T3	<b>A</b>	
<b>0350</b>	350	Q350T3/CL/HIR	<b>A</b>	
<b>0500</b>	500	Q500T3	<b>A</b>	
<b>0900</b>	900	Q900T3/CL/HIR	<b>B, G</b>	
<b>1000</b>	1000	Q1000T3	<b>F, G</b>	

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**

W = External asymmetric yoke with latch/hinge mounting plate

**5 Finish**

Bright clear anodized aluminum end plates and perforated housing with brushed aluminum yoke. Door frame, internal end plates and mounting plate finished black. Choice of:

P1 = Non-luminous housing with white aluminum splay  
L1 = Luminous housing with translucent glass splay

**6 Voltage**

*Electronic (Metal Halide only)*      *Magnetic*  
**1** = 120V                                      **A** = 120V  
**2** = 277V                                      **B** = 277V  
**T** = 120V dim\*                              **F** = 220V (900W TH only)  
**U** = 208-277V dim\*                        **G** = 240V (900/1000W TH only)

\*100-50% dimming, compatible controls by others.

**7 Option** (see Accessories Section for specifications)

**B0** = Horizontal radial blade baffle included, no other options. Provides horizontal cutoff of lens brightness when maximum candlepower is aimed at 35° above horizontal. Diffuse aluminum on top, matte black on bottom.  
**BR** = Halogen standby lighting with relay field-connected at remote ballast. 100W maximum (lamp included). Not available for 2x400W metal halide.  
**XX** = For modification not listed, include detailed description. Consult factory prior to specification.

**Note:** Radial baffle included unless specified otherwise.

**8 Destination Requirement**

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

Type: \_\_\_\_\_

**Accessories**

Order separately. See Accessories Section for specifications.

AFK000X \_\_\_\_\_ = Ballast fuse kit  
**0** = U.S.  
**J** = Canada

