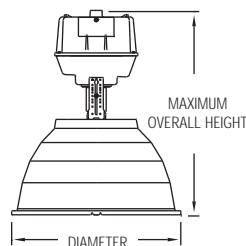




Dimensions



Product	Max. Overall Height	Diameter
706/716	17.7" (450 mm)	16.5" (419 mm)
707/717	23.4" (594 mm)	18.0" (457 mm)
708/718	28.5" (724 mm)	20.25" (514 mm)

Features

- **Rugged Housing:** Die-cast aluminum ballast housing features "Tilt 2" design for maximum heat dissipation and drip lip construction. Standard finish is white Duraplex II™ Electrostatic Finish; optional colours available
- **Flexible Optics:** Reflector Straps with "Strap lock" design have stamped in position marking for precise positioning of reflector in relation to the lamp, to accommodate a variety of spacing criteria
- **Reflector:** Quad parabolic anodized aluminum reflectors in a diffuse or Semi-Specular finish
- **Glass Lens:** Enclosed version available with an optional tempered glass lens, 1/8" thick, permanently sealed to reflector
- **Lampholder:** Porcelain Mogul base lampholder, copper alloy nickel-plated screwshell. 5kV-pulse rated for 1000W HPS and 4kV-pulse rated for other MH & HPS wattages. Open 250W MH comes with specific open fixture rated lamp socket
- **Mounting:** Standard mounting with hook and cord or threaded 1/4 turn hub for 3/4" NPT mount. Available with a Low Profile bracket where the ballast is mounted beside optical assembly for unusual applications; Wall Mount Arm available to allow mounting to virtually any vertical surface
- **Approval:** CSA approved; Damp location. Suitable for 55°C ambient; for high ambient temperature rating, consult factory
- **Warranty:** 3 year limited warranty

Fixture and Lamp Data

Wattage & Lamp Type	Reflector Type	Ballast Type	Reflector Position	Spacing Criterion	Weight (lbs / kg)
Metal Halide (MA) / Pulse Start (PS)					
175W (Clear, ED28)	706, Diffuse	CWA	1, 2	1.5, 1.2	18 / 8.1
250W (Clear, ED28)	706, Diffuse	CWA	1, 2	1.5, 1.2	19 / 8.6
400W (Clear, ED37)	707, Diffuse	CWA	2, 3, 4, 5, 6, 7, 7, 8, 9, 10	2.0, 1.9, 1.7, 1.6, 1.4, 1.3, 1.0, 0.9, 0.8	22 / 10
400W (Coated, ED37)	717, Semi Specular	CWA	2, 4, 6, 7, 8, 9, 10	1.9, 1.8, 1.4, 1.3, 1.0	22 / 10
400W (Clear, ED37)	717, Semi Specular	CWA	3, 5, 7, 8, 9, 10	1.7, 1.5, 1.3, 1.2, 0.8, 0.5	22 / 10
1000W (Clear, BT56)	708, Diffuse	CWA	5, 7, 9, 10	1.7, 1.5, 1.0	36 / 16.4
1000W (Coated, BT56)	718, Semi Specular	CWA	5, 7, 9, 10, 11	1.7, 1.6, 1.5, 1.3, 1.0	36 / 16.4
1000W (Clear, BT56)	718, Semi Specular	CWA	5, 7, 9, 10	1.8, 1.3, 1.0, 0.9, 0.8, 0.5	36 / 16.4
High Pressure Sodium (LX)					
70W (Clear, ED23-1/2)	706, Diffuse	HX-HPF	1, 3	1.5, 1.1	13 / 5.9
100W (Clear, ED23-1/2)	706, Diffuse	HX-HPF	1, 2	1.5, 1.1	15 / 6.8
150W (Clear, ED23-1/2)	706, Diffuse	HX-HPF	1, 2	1.5, 1.1	17 / 7.7
250W (Clear, E18)	707, Diffuse	CWA	1, 2, 3, 4, 5	2.0, 1.5, 1.1, 1.0, 0.9	20 / 9.1
250W (Coated, E18)	717, Semi Specular	CWA	2, 4, 8	1.8, 1.5, 1.0	20 / 9.1
400W (Clear, E18)	707, Diffuse	CWA	1, 2, 3, 4, 5	1.9, 1.5, 1.0, 0.9	25 / 11.3
400W (Coated, E18)	717, Semi Specular	CWA	2, 4, 8	1.9, 1.5, 1.1	25 / 11.3
600W (Clear, T16)	718, Semi Specular	CWA	3, 5, 7	1.3, 0.2	35 / 15.9
1000W (Clear, BT56)	708, Diffuse	CWA	5, 7, 9, 10	1.7, 1.5, 1.0	38 / 17.3
1000W (Coated, BT56)	718, Semi Specular	CWA	5, 7, 9, 10, 11	1.7, 1.6, 1.5, 1.3, 1.0	38 / 17.3



For accessories, refer to p. 962.

Ordering Guide (example: 707P400MAL3C-1B)

Series	Lamp Wattage ¹	Light Source	Lamp Included	Options	Voltage	Finish ⁷	
706P:	16" Diffuse Reflector	070: 70W 100: 100W	MA: Metal Halide LX: High Pressure Sodium PS: Pulse Start MH ²	L: Yes Blank: No K: Kit (hook/cord/lamp) ³	3C: 3' Factory Pre-wired 16/3 ST Cabtire w/ 715 open Hook 3CP: 3' factory Pre-wired 16/3 ST Cabtire w/ 715 open Hook & 20A Twist-lock Plug ⁴ AM: Automatic Quartz Socket & Relay (Lamp not supplied) EM: Emergency Auxiliary Quartz Socket Only ⁵ FS: Fusing (120, 277, 347V only) QB: Quiet Ballast ⁶ G: Glass Lens Sealed to Reflector (Excluding Dust Collar) HL: HiLo Energy Saving Switching System WM: Wall Mount Arm LP: Low Profile Mounting E: Enclosed Coolbay Including "DCA" Dust Collar DG: Duroglass Protective Lining on Reflector for Longer Life LB: Less Ballast – Core/Coil Removed Housing Included HT: High Ambient Temperature (65°C)	1: 120V 2: 208V 3: 240V 4: 277V 5: 480V 6: 347V 7: 600V ⁸ T: Tri-Tap (120/277/347V)	Blank: White B: Black G: Grey
707P:	18" Reflector	175: 175W 250: 250W 320: 320W					
708P:	20" Diffuse Reflector	350: 350W 400: 400W					
716P:	16" Semi-Specular Reflector	450: 450W 600: 600W					
717P:	18" Semi-Specular Reflector	750: 750W 875: 875W 1000: 1000W					
718P:	20" Semi-Specular Reflector						

¹ For 16" and 18": MA (175, 250, 400W); LX (70, 100, 150, 250, 400W); PS (175, 250, 320, 350, 400, 750W). For 20": MA (1000W); LX (600, 750, 1000W); PS (450, 750, 875, 1000W).

² 750W PS is only available with 707 or 717 open reflector (no lens).

³ Only available with 707P model & Tri-Tap voltage.

⁴ Specify voltage when requesting this option.

⁵ Socket is double contact bayonet base 150W max (Lamp not supplied).

⁶ Core and coil encapsulated in a block of polyester resin compound.

⁷ For other housing finishes, consult factory for available colours & colour code.

⁸ 600V not available with any Pulse Start (PS) source or 1000W High Pressure Sodium (LX).