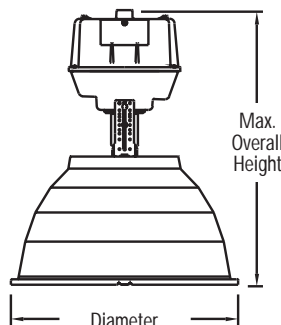


# Coolbay Highbay

Available up to 1000W Incandescent, High Pressure Sodium, Metal Halide and up to 750W Pulse Start Metal Halide



## Dimensions



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

### FEATURES

- **RUGGED HOUSING:** Die-cast aluminum ballast housing features "Tilt 2" design for maximum heat dissipation, and drip lip construction. High Intensity Discharge ballast, class H insulation, high power factor, centered in housing for level orientation.
- **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. Painted model up to 400W suitable for 55°C ambient; 1000W suitable for 55°C ambient; for high ambient temperature rating, consult factory.
- **WARRANTY:** 3 year limited warranty

For ACCESSORIES, refer to p. 736.

### Fixture & Lamp DATA:

Wattage & Lamp Type	Reflector Type	Ballast Type	Reflector Position	Spacing Criterion	Weight (lbs./ kgs.)
<b>METAL HALIDE</b>					
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, 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
<b>HIGH PRESSURE SODIUM</b>					
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
<b>INCANDESCENT</b>					
Up to 300W (any Mogul base)	706, Diffuse	-	Refer to appropriate integral ballast fixture for reflector positioning and spacing criterion		10 / 4.5
Up to 500W (any Mogul base)	707, Diffuse	-			11 / 5.0
Up to 1000W (any Mogul base)	708, Diffuse	-			12 / 5.4

## Ordering Guide (example: 707P400MAL-1W)

Coolbay Series	Lamp Wattage <sup>1</sup>	Light Source	Lamp Included	Options	Voltage	Finish
706P: 16" Diffuse Reflector	070: 70W	MA: Metal Halide	L: Yes	See Option Chart	1: 120V	See p. 738
716P: 16" Semi Specular Reflector	100: 100W	LX: High Pressure Sodium	Blank: No	on p. 736	2: 208V	for available colours
707P: 18" Diffuse Reflector	150: 150W	PS: Pulse start MH <sup>4</sup>	K: Kit (hook/cord/lamp) <sup>2</sup>		3: 240V	
717P: 18" Semi Specular Reflector	175: 175W	Blank: Incandescent			4: 277V	
708P: 20" Diffuse Reflector	250: 250W				5: 480V	
718P: 20" Semi Specular Reflector	300: up to 300W inc.				6: 347V	
	320: 320W				7: 600V <sup>3</sup>	
	350: 350W				T: Tri-Tap	
	400: 400W				(120/277/347V)	
	450: 450W					
	500: up to 500W inc.					
	600: 600W					
	750: 750W					
	1000: 1000W					

<sup>1</sup> MA (175, 250, 400, 1000); LX (70, 100, 150, 250, 400, 600, 750, 1000); INC (300, 500, 1000); PS (175, 250, 320, 350, 400, 450, 750)

<sup>2</sup> Only available with 707P model & Tri-Tap voltage

<sup>3</sup> 600V not available in 1000W HPS

<sup>4</sup> 750W PS is only available with 707 or 717 open reflector (no lens)