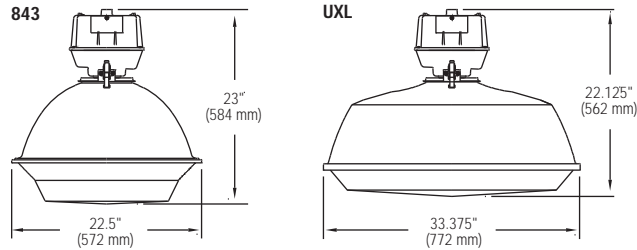




Dimensions



Features

- **Rugged Ballast 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. Standard finish is white Duraplex II™ Electrostatic Finish; optional colours available
- **Low Glare Optics:** Injection-molded U.V. stabilized Acrylic prismatic refractor provides maximum horizontal and vertical illumination resulting in uniform, low glare lighting. Refractor permanently sealed to reflector using RTV silicone, providing enclosed and sealed optics
- **Reflector:** One-piece spun aluminum reflector, sealed to ballast housing using high temperature silicone gasketing. Access to lamp via "tool box" style draw latch and integral hinge on opposite side
- **Lampholder:** Porcelain, 4kV pulse rated, grip-type mogul based socket prevents lamp loosening
- **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; Wet location Option; Maximum ambient 40°C
- **Warranty:** 3 year limited warranty

For accessories, refer to p. 962.

Fixture and Lamp Data

Wattage	Lamp Type	Ballast Type	Spacing Criterion	Weight (lbs / kgs)
Metal Halide (MA)				
175W (843P)	ED28	CWA	1.7	28 / 12.7
250W (843P)	ED28	CWA	1.7	30 / 13.6
400W (843P)	ED37	CWA	1.8	32 / 14.5
175W (UXL)	ED28	CWA	1.5	29 / 13.2
250W (UXL)	ED28	CWA	1.5	31 / 14.1
400W (UXL)	ED37	CWA	1.5	33 / 15.0
Pulse Start Metal Halide (PS)				
400W (843P)	ED37	CWA	1.8	32 / 14.5
450W (843P only)	ED37	CWA	1.8	32 / 14.5
High Pressure Sodium (LX)				
70W (843P)	ED23-1/2	HX-HPF	1.9	24 / 10.9
100W (843P)	ED23-1/2	HX-HPF	1.9	26 / 11.8
150W (843P)	ED23-1/2	HX-HPF	1.9	27 / 12.3
250W (843P)	E18	CWA	1.9	30 / 13.6
400W (843P)	E18	CWA	1.9	35 / 15.9
250W (UXL)	E18	CWA	1.7	31 / 14.1
400W (UXL)	E18	CWA	1.7	36 / 16.4



Optional



p. 796

Ordering Guide (example: 843P175MALEM-6B)

Series	Lamp Wattage ¹	Light Source	Lamp Included	Options	Voltage	Finish ³
843P UXLP	070: 70W 100: 100W 150: 150W 175: 175W 250: 250W 320: 320W 350: 350W 400: 400W 450: 450W	MA: Metal Halide LX: High Pressure Sodium PS: Pulse Start MH	L: Yes Blank: No	3C: 3' Factory Wired 16/3 ST Cabtire w/715 Open Hook 3CP: 3' Factory Wired 16/3 ST Cabtire w/ 715 Open Hook & 20A Twist-Lock Plug (voltage specific) AM: Automatic Quartz Socket & Relay ² EM: Emergency Auxiliary Quartz Socket Only ² FS: Single Line Fusing (120,277,347V Only) QB: Quiet Ballast; Core/Coil in Polyester Resin WL: Wet Location; additional gasketing plus Sealed Hook/Cord or Sealed Threaded Hub Assy. HL: HiLo Energy Saving Switching System WM: Wall Mount Arm LB: Less Ballast – Core/Coil Removed, Housing Included LP: Low Profile Mounting (Not available with WL option) PR: Polycarbonate Lens (843P Only)	1: 120V 2: 208V 3: 240V 4: 277V 5: 480V 6: 347V 7: 600V ⁴ T: Tri-Tap (120/277/347V)	Blank: White B: Black G: Grey

¹ 843P Model: MA (175, 250, 400W); LX (70, 100, 150, 250, 400W); PS (175, 250, 320, 350, 400, 450W).

UXLP Model: MA (175, 250, 400W); LX (250, 400W); PS (175, 200, 250, 320, 350, 400W).

² Double contact bayonet base, 150W Max.

³ For other housing finishes, consult factory for available colours & colour codes.

⁴ 600V not available with any Pulse Start (PS) source or 1000W High Pressure Sodium (LX).