

**Applications:**

Offices
Schools
Restaurants
Medical Facilities
Retail
Hospitality
General Lighting

Shat-R-Shield HID Lamps: High in Intensity. Higher in Protection.

Shat-R-Shield High Intensity Discharge (HID) lamps are designed to be safely used in open fixtures and are excellent for lighting large areas. In addition to offering greater flexibility in system design, open fixtures are less expensive and more compact than enclosed fixtures. The lenses on enclosed fixtures can reduce light output by up to 10% (compounded over time by the build-up of dirt, insects and other debris on the lens).

Metal Halide Lamps- Metal halide lamps are the most efficient source of pure white light available. They provide good color rendering and are used in high quality outdoor lighting installations, as well as floodlighting, industrial high bay and many commercial applications.

Available in:

Protective Shroud (MP) • Energy Saving • Pulse Start • Self-Extinguishing • Energy Saving • Retrofit

High Pressure Sodium Lamps (HPS)- These lamps are the most efficient source of high intensity light and are also available in non-cycling versions. Their efficiency is up to 140 lumens per watt and the light produced is a warm golden color. Because of their yellow light output, they are frequently used in street lighting and other areas where color rendering is not critical. Although they are not quite as energy efficient, metal halide is generally used when pure white light is needed.

Mercury Vapor- Although many of these applications have been converted to the much more efficient metal halide and high pressure sodium lamps, we will still be able to satisfy the needs of your customers that use mercury vapor lamps. Please call customer service for your specific requests.

Protected Pulse Start

Watts	Shape	Part #	Description	Finish	Initial Lumens	Mean Lumens	Kelvin Temp	CRI	Length (in.)	Life Hours	Base	Pack By
50	ED17	93111G	MP50 IF/BU/MED (PK X 6)	Frosted	3200	1500	3500	70	5.43	10000	Medium (E26)	6
50	ED17	93110G	MP50/BU/MED (PK X 6)	Clear	3400	1700	3500	70	5.43	10000	Medium (E26)	6
70	ED17	93211G	MP70 IF/BU/MED (PK X 6)	Frosted	4900	3300	3200	70	5.43	15000	Medium (E26)	6
70	E17	93210S	MP70 BU/PS/MED (PK X 20)	Clear	5200	2750	3000	75	5.45	10000	Medium (E26)	20
70	ED17	93210G	MP70 BU/MED (PK X 6)	Clear	5500	3500	3200	70	5.43	12000	Medium (E26)	6
100	ED17	93311G	MP100 IF/BU/MED/PS (PK X 6)	Frosted	8500	5900	3200	70	5.43	15000	Medium (E26)	6
100	BT37	93312S	MP100/BU/MED (PK X 20)	Clear	8500	5525	3000	75	5.43	15000	Medium (E26)	20
100	ED17	93310G	MP100 BU/MED (PK X 6)	Clear	9000	6200	3200	70	5.43	15000	Medium (E26)	6
100	EDX17	93310V	MP100/MED/PS/BU (PK X 12)	Clear	8500	6200	4000	65	5.4	15000	Medium (E26)	12
150	BT28	93415S	MP150/IF/BU/MED (PK X 20)	Frosted	11600	7500	2900	75	5.43	15000	Medium (E26)	20
150	ED17	93411G	MP150 BU/MED (PK X 6)	Clear	12500	8600	3500	70	5.43	15000	Medium (E26)	6
150	EDX17	93412V	MP150W/BU/UVS/PS /MED (PK X 12)	Clear	13300	n/a	4000	68	5.4	15000	Medium (E26)	12
150	ED28	93413V	MP150W/BU/ED28/UVS/PS (PK X12)	Clear	13300	n/a	4000	68	8.3	15000	Exclusionary Mogul (EX39)	12
150	ED17	94418	MHC150/U/M/4K/ALTO (PK X 12)	Clear	13000	9750	4000	92	5.44	20000	Medium (E26)	12
175	BT28	93501S	MP175 IF/BU (PK X 6)	Frosted	12800	7800	3800	70	8.31	10000	Exclusionary Mogul (EX39)	6
175	ED28	93520	MP175 BU/PS (PK X 12)	Clear	16000	n/a	3500	62	8.31	14000	Exclusionary Mogul (EX39)	12
175	BT28	93510S	MP175 BU/MED (PK X 20)	Clear	14400	10200	3600	65	5.43	10000	Medium (E26)	20
175	E17	93500S	MP175 BU (PK X 6)	Clear	14400	10200	4000	65	8.31	10000	Exclusionary Mogul (EX39)	6
200	ED28	94030V	MP200W V/PS (PK X 12)	Clear	20000	n/a	4000	65	8.3	15000	Exclusionary Mogul (EX39)	12
250	ED28	94631V	MP250W C/PS/BU (PK X 12)	Frosted	22600	n/a	3700	70	8.3	20000	Exclusionary Mogul (EX39)	12
250	BT28	93601S	MP250 IF/BU (PK X 6)	Frosted	20000	14350	3800	70	8.31	10000	Exclusionary Mogul (EX39)	6
250	ED17	93600S	MP250 BU (PK X 6)	Clear	23000	17000	4000	65	8.31	17000	Exclusionary Mogul (EX39)	6
250	BT28	93610S	MP250 PS/BU (PK X 6)	Clear	22500	17000	4000	65	8.3	15000	Exclusionary Mogul (EX39)	6
250	ED28	93603H	MP250/BU (PK X 6)	Clear	21800	n/a	4000	65	8.25	10000	Exclusionary Mogul (EX39)	6
250	ED28	90603H	MH250/BU (PK X 6)	Clear	21000	n/a	4000	65	8.25	10000	Mogul (E39)	6
250	ED28	94632V	MP250/BU/UVS/PS (PK X 12)	Clear	23800	n/a	4000	68	8.3	20000	Exclusionary Mogul (EX39)	12
250	BT28	94650S	MCP250 PS/BU ONLY/940PB (PK X 6)	Clear	24000	19200	4200	94	8.3	20000	Exclusionary Mogul (EX39)	6
320	ED17	94600S	MP320 350/PS/BU (PK X 6)	Clear	28600	21000	3800	65	8.31	20000	Exclusionary Mogul (EX39)	6
320	ED28	94640V	MP320/BU/ED28/PS (PK X 12)	Clear	31000	n/a	4000	68	8.3	30000	Exclusionary Mogul (EX39)	12
320	ED37	93032V	MP320/BU/UVS/PS (PK X 6)	Clear	31000	n/a	4000	68	11.5	30000	Exclusionary Mogul (EX39)	6
350	BT37	94831S	MP350-400 IF/PS/BU (PK X 6)	Frosted	32000	23000	3500	70	11.5	20000	Exclusionary Mogul (EX39)	6
350	ED37	94031V	MP350W C/V/UVS/PS (PK X 6)	Frosted	33000	n/a	3700	70	11.5	30000	Exclusionary Mogul (EX39)	6
350	BT37	94830S	MP350 400/PS/BU (PK X 6)	Clear	33000	24500	3700	65	11.5	20000	Exclusionary Mogul (EX39)	6
350	EX39	94032V	MP350W V/UVS/PS (PK X 6)	Clear	35200	n/a	4000	65	11.5	20000	Exclusionary Mogul (EX39)	6
360	BT28	93700S	MP360 ES/BU (PK X 6)	Clear	35000	23500	4000	65	11.5	20000	Exclusionary Mogul (EX39)	6
400	BT37	93801S	MP400 IF/BU (PK X 6)	Frosted	38500	25000	3400	70	11.5	20000	Exclusionary Mogul (EX39)	6
400	BT37	93800S	MP400 BU (PK X 6)	Clear	40000	26000	3600	65	11.5	20000	Exclusionary Mogul (EX39)	6
400	ED37	93832V	MP400/C/BU/UVS/PS (PK X 6)	Frosted	39000	n/a	3700	70	11.5	30000	Exclusionary Mogul (EX39)	6
400	ED28	94801V	MP400W C/BU/ED28/PS (PK X 12)	Frosted	39000	n/a	3700	70	8.3	30000	Exclusionary Mogul (EX39)	12
400	ED37	93800	MP400/BU (PK X 6)	Clear	38000	26600	4000	65	11.5	20000	Exclusionary Mogul (EX39)	6
400	ED37	93803H	MP400/BU (PK X 6)	Clear	36000	n/a	4000	65	11.5	20000	Exclusionary Mogul (EX39)	6
400	ED37	90803H	MH400/BU (PK X 6)	Clear	36000	n/a	4000	65	11.5	20000	Mogul (E39)	6
400	ED37	93830V	MP400W BU/UVS/PS (PK X 6)	Clear	41000	n/a	4000	68	11.5	30000	Exclusionary Mogul (EX39)	6
400	ED28	93831V	MP400W/BU/ED28/UVS/PS 12PK	Clear	41000	n/a	4000	68	8.3	30000	Exclusionary Mogul (EX39)	12
400	ED37	94033V	MPI 400W/BU PROBE START (PK X 6)	Clear	40000	n/a	4000	65	11.5	20000	Exclusionary Mogul (EX39)	6