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### Safety-Coated High Intensity Discharge (HID) Lamps



**BT 37**      **BT Inside Frost**      **ED 37**      **ED 18**

**NEC 410.73 General (F) High Intensity Discharge Luminaire** - Luminaires containing metal halide lamps must be provided with a containment barrier that encloses the lamp or the luminaire must only allow the use of a Type "O" lamp. This code change affects all NEW construction sites or major renovations that use metal halide lamps.

Shat-R-Shield offers "O" rated, metal halides that are designed to meet the ANSI containment test for the installation of a metal halide lamp in an open fixture. Our plastic-coated, MP-type lamps (shrouded arc-tube with thicker bulb wall) satisfy FDA, USDA & OSHA requirements concerning exposed glass in critical areas. The shatter-resistant, plastic coating is NSF® and UL-EPH® certified. MP-type HID lamps are offered in 9-models to provide safety plus NEC 2005 compliance.

Please contact Customer Services Department (800)223-0853 with questions regarding proper use of safety-coated HID lamps.

The plastic coating on a Shat-R-Shield HID lamp is guaranteed not to yellow and will withstand bulb wall temperatures up to 500°F. Except under the foregoing conditions, due to variable conditions and fixture design, Shat-R-Shield does not warrant or otherwise guarantee the plastic coating on HID lamps for the rated-life of the lamp.

The purpose of the coating is to contain virtually all glass fragments, phosphors and mercury in the event the lamp is accidentally broken. Shat-R-Shield suggests the shatterproof HID lamps be inspected and replaced if the coating material is compromised due to temperature extremes.

**Don't see the lamp you need? Call Us Immediately**

Nom. Lamp Watts	Bulb	Base	UPC Catalog Order #	Ordering Description	Std. Pkg. Qty.	Comments	M.O.L. (Inches)	Avg. Life (Hours)	Mean Lumens
<b>Metal Halide Protective Shroud</b>									
50	ED-17	Medium	93110G	MP50/BU/MED/PS	6	Clear/3500K/70CRI	5 7/16	10,000	1,700
50	ED-17	Medium	93111G	MP50/IF/BU/MED/PS	6	Frosted/3500K/70CRI	5 7/16	10,000	1,500
70	ED-17	Medium	93210G	MP70/BU/MED/PS	6	Clear/3500K/70CRI	5 7/16	12,000	3,500
70	ED-17	Medium	93211G	MP70/IF/BU/MED/PS	6	Frosted/3500K/70CRI	5 7/16	12,000	3,300
100	ED-17	Medium	93310G	MP100/BU/MED/PS	6	Clear/3500K/70CRI	5 7/16	15,000	6,200
100	ED-17	Medium	93311G	MP100/IF/BU/MED/PS	6	Frosted/3500K/70CRI	5 7/16	15,000	5,900
150	ED-17	Medium	93411G	MP150/BU/MED/PS	6	Clear/3500K/70CRI	5 7/16	15,000	8,600
175	ED-17	Medium	93510S	MP175/BU/MED	20	Clear/3500K/70CRI	5 7/16	10,000	10,800
175	BT-28	Mog EXCL	93500S	MP175/BU	6	Clear/3500K/70CRI	8 5/16	10,000	12,000
175	BT-28	Mog EXCL	93501S	MP175/IF/BU	6	Frosted/3500K/70CRI	8 5/16	10,000	10,000
250	BT-28	Mog EXCL	93600S	MP250/BU	6	Clear/3500K/70CRI	8 5/16	10,000	17,000
250	BT-28	Mog EXCL	93601S	MP250/IF/BU	6	Frosted/3500K/70CRI	8 5/16	10,000	17,000
360	BT-37	Mog EXCL	93700S	MP360/ES/BU	6	Clear/3500K/70CRI	11 1/2	20,000	24,200
360	BT-37	Mog EXCL	93701S	MP360/IF/ES/BU	6	Frosted/3500K/70CRI	11 1/2	20,000	24,200
400	BT-37	Mog EXCL	93800S	MP400/BU	6	Clear/3500K/70CRI	11 1/2	20,000	25,000
400	BT-37	Mog EXCL	93801S	MP400/IF/BU	6	Frosted/3500K/70CRI	11 1/2	20,000	25,000
<b>Metal Halide Standard</b>									
400	BT-37	Mogul	90800S	M400/BU*	6	Clear/4000K/65CRI	11 1/2	20,000	25,000
400	BT-37	Mogul	90801S	M400/IF/BU*	6	Frosted/4000K/65CRI	11 1/2	20,000	25,000
<b>Metal Halide Pulse Start Protective-Shrouded Pulse Start</b>									
320-350	BT-28	Mog EXCL	94600S	MP320-350/PS/BU	6	Clear/Shrouded 4000-3900K/65-70CRI	8 5/16	20,000	21,000- 24,000
320-350	BT-28	Mog EXCL	94601S	MP320-350/IF/PS/BU	6	Frosted/Shrouded 3900-3800K/65-70CRI	8 5/16	20,000	19,000- 22,000
350-400	BT-37	Mog EXCL	94830S	MP350-400/PS/BU	6	Clear/Shrouded 3700-3500K/65CRI	11 1/2	20,000	24,500- 29,500
350-400	BT-37	Mog EXCL	94831S	MP350-400/IF/PS/BU	6	Frosted/Shrouded 3500-3300K/70CRI	11 1/2	20,000	23,000- 28,000
<b>Metal Halide Self-Extinguishing</b>									
400	BT-37	Mogul	92800S	MT400/BU*	6	Clear/4500K/60CRI	11 1/2	20,000	22,000
400	BT-37	Mogul	92801S	MT400/IF/BU*	6	Frosted/4100K/65CRI	11 1/2	20,000	20,600
<b>Metal Halide Retro-Fit</b>									
400	ED-37	Mogul	95840G	MR400/RETRO/BU*	6	Clear/for HPS Ballast	11 1/2	20,000	22,600
<b>High Pressure Sodium Standard HPS EcoSafe</b>									
35	ED-17	Medium	97010	HPS35/MED	12	Clear	5 7/16	24,000+	2,025
35	ED-17	Medium	97011	HPS35/IF/MED	12	Inside Frost	5 7/16	24,000+	1,935
50	ED-17	Medium	97110	HPS50/MED	12	Clear	5 7/16	24,000+	3,600
50	ED-17	Medium	97311	HPS50/IF/MED	12	Inside Frost	5 7/16	24,000+	3,420
50	ED-23.5	Moqul	97109	HPS50/ECO	12	Clear/EcoSafe	7 3/4	24,000+	3,600

## Safety-Coated High Intensity Discharge Lamp (HID) from Shat-R-Shield

50	ED-23.5	Mogul	97101	HPS50/IF	12	Inside Frost	7 3/4	24,000+	3,420
70	ED-17	Medium	97210	HPS70/MED	12	Clear	5 7/16	24,000+	5,670
70	ED-17	Medium	97211	HPS70/IF/MED	12	Inside Frost	5 7/16	24,000+	5,270
70	ED-23.5	Mogul	97209	HPS70/ECO	12	Clear/EcoSafe	7 3/4	24,000+	5,670
70	ED-23.5	Mogul	97201	HPS70/IF	12	Inside Frost	7 3/4	24,000+	5,270
100	ED-17	Medium	97310	HPS100/MED	12	Clear	5 7/16	24,000+	8,550
100	ED-17	Medium	97111	HPS100/IF/MED	12	Inside Frost	5 7/16	24,000+	7,920
100	ED-23.5	Mogul	97309	HPS100/ECO	12	Clear/EcoSafe	7 3/4	24,000+	8,550
100	ED-23.5	Mogul	97301	HPS100/IF	12	Inside Frost	7 3/4	24,000+	7,920
150	ED-17	Medium	97410	HPS150/55/MED	12	Clear/55 Volt	5 7/16	24,000+	14,400
150	ED-17	Medium	97411	HPS150/55/IF/MED	12	Inside Frost/55Volt	5 7/16	24,000+	13,500
150	ED-23.5	Mogul	97409	HPS150/55/ECO	12	Clear/EcoSafe/55 Volt	7 3/4	24,000+	14,000
150	ED-23.5	Mogul	97401	HPS150/55/IF	12	Inside Frost/55 Volt	7 3/4	24,000+	13,500
250	ED-18	Mogul	97600	HPS250/ECO	12	Clear/EcoSafe	9 3/4	24,000+	25,600
250	ED-18	Mogul	97601	HPS250/IF	12	Inside Frost	8 15/16	24,000+	24,300
400	ED-18	Mogul	97800	HPS400/ECO	12	Clear/EcoSafe	9 3/4	24,000+	45,000
<b>High Pressure Sodium EcoSafe Non-Cycling</b>									
70	ED-23.5	Mogul	97207S	HPS70/ECO/N-C	20	Clear/EcoSafe/Non-Cycl	7 3/4	30,000+	5,600
100	ED-23.5	Mogul	97307S	HPS100/ECO/N-C	20	Clear/EcoSafe/Non-Cycl	7 3/4	30,000+	8,550
150	ED-23.5	Mogul	97407S	HPS150/ECO/N-C	20	Clear/EcoSafe/Non-Cycl	7 3/4	30,000+	14,400
250	ED-18	Mogul	97607S	HPS250/ECO/N-C	20	Clear/EcoSafe/Non-Cycl	9 3/4	30,000+	26,100
<b>High Pressure Sodium Dual Arc</b>									
70	ED-23.5	Mogul	97230	HPS70/DA	12	Clear/Dual Arc Tubes	7 3/4	24,000+	5,050
100	ED-23.5	Mogul	97330	HPS100/DA	12	Clear/Dual Arc Tubes	7 3/4	24,000+	8,190
150	ED-23.5	Mogul	97430	HPS150/DA	12	Clear/Dual Arc Tubes	7 3/4	24,000+	14,000
250	ED-18	Mogul	97630	HPS250/DA	12	Clear/Dual Arc Tubes	9 3/4	24,000+	24,750
<b>High Pressure Sodium Retro-Fit</b>									
150	ED-28	Mogul	97440	HPS150/RETRO-FIT	12	Clear/Retro-Fit MV, MH	8 15/16	24,000+	13,500
215	ED-28	Mogul	97080	HPS215/RETRO-FIT	12	Clear/Retro-Fit MV, MH	8 15/16	24,000+	20,700
360	ED-37	Mogul	97740	HPS360/RETRO-FIT	6	Clear/Retro-Fit MV, MH	11 1/2	24,000+	40,500

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