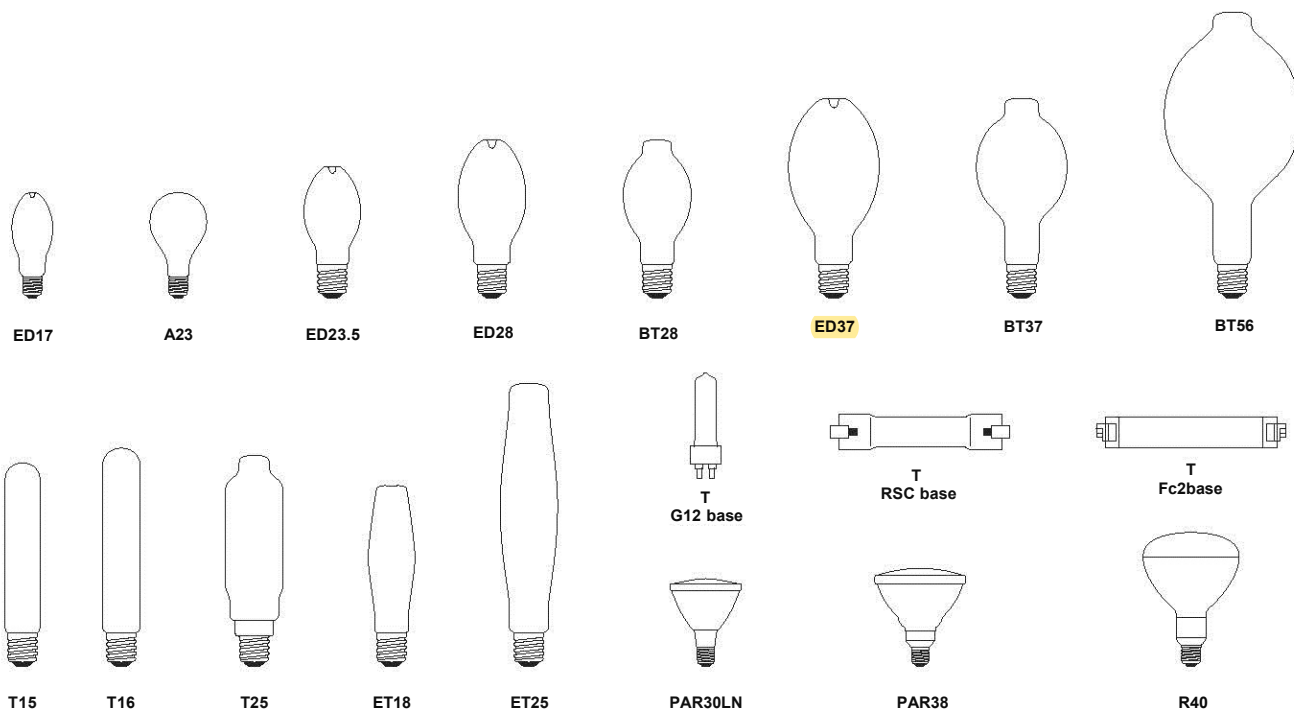
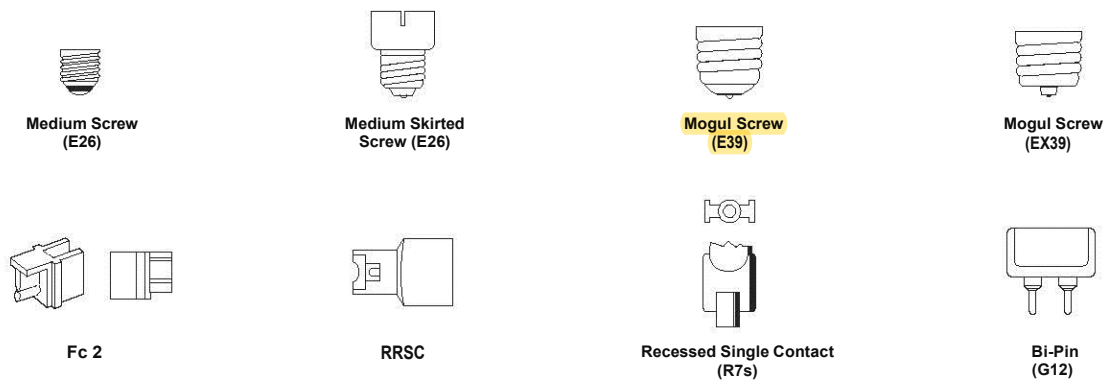


BULBS

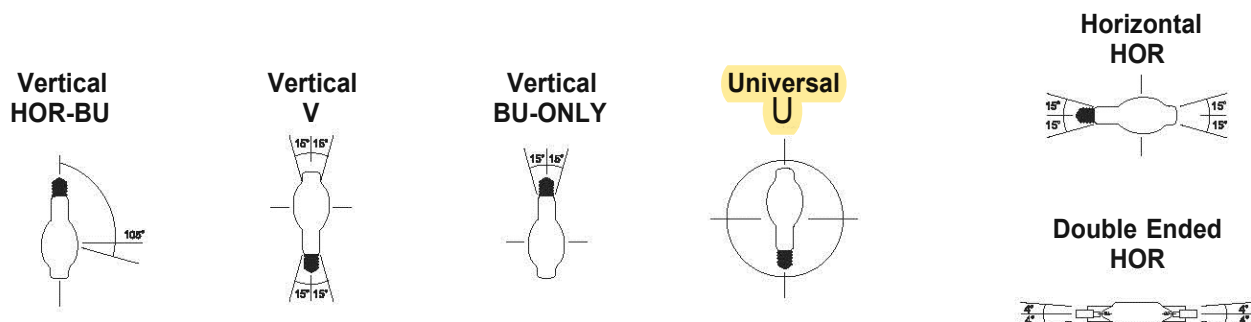
HIGH INTENSITY DISCHARGE



BASES



OPERATING POSITIONS



HIGH INTENSITY DISCHARGE

Pulse Start Metal Halide

Product Information							Physical Information				Photometric Characteristics					
Watts	Bulb	Base	Item#	Description	ANSI	Case Qty.	Finish	Operating Position	MOL (in)	LCL (in)	Initial Lumens (lm)	Mean Lumens (lm)	Avg. Life (Hrs)	Color Temp (K)	CRI	UPC
450	ED37	E39	1677	MS450/ED37/PS/U/4K	M144/E	12	Clear	Universal	11.50	7.01	50000	40000	20000	4200	65	844366016776
450	ED37	E39	1626	MS450/ED37/PS/N/4K	M144/E	12	Clear	VER ±15°	11.50	7.01	50000	40000	20000	4200	65	844366016264
450	ED37	E39	1627	MS450/ED37/C/PS/N/4K	M144/E	12	Coated	VER ±15°	11.50	7.01	47000	37000	20000	3800	70	844366016271
750	BT37	E39	1508	MS750/BT37/PS/HBU/4K	M149/E	12	Clear	BU ±15°	11.50	7.01	80000	60000	16000	4200	65	844366015083
750	BT37	E39	1596	MS750/BT37/C/PS/HBU/4K	M149/E	12	Coated	BU ±15°	11.50	7.01	75000	56000	16000	3800	70	844366015960
875	BT37	E39	1628	MS875/BT37/PS/BU/4K	M166/E	12	Clear	BU ±15°	11.50	7.01	100000	80000	20000	4000	65	844366016288
875	BT37	E39	1629	MS875/BT37/PS/BD/4K	M166/E	12	Clear	BD ±15°	11.50	7.01	100000	80000	20000	4000	65	844366016295
875	BT37	E39	1630	MS875/BT37/PS/HOR/4K	M166/E	12	Clear	HOR ±75°	11.50	7.01	95000	76000	12000	4000	65	844366016301
1000	BT37	E39	1509	MS1000/BT37/PS/U/4K	M141/E	12	Clear	Universal	11.50	7.01	110000	96000	15000	4200	65	844366015090
1000	BT56	E39	1598	MS1000/BT56/PS/BU/4K	M141/E	6	Clear	BU ±15°	15.35	9.49	110000	86000	15000	4200	65	844366015984
1000	BT56	E39	1599	MS1000/BT56/C/PS/BU/4K	M141/E	6	Coated	BU ±15°	15.35	9.49	105000	80000	15000	3800	70	844366015991
1000	T25	E39	1600	MS1000/T25/PS/HOR/3K	M141/E	24	Clear	BU ±15°	0.00	0.00	92000	-	10000			844366016004

Warning ANSI Luminaire Code E Enclosed Fixture

Pulse Start Metal Halide

THE FOLLOWING INSTRUCTIONS MUST BE FOLLOWED TO AVOID RISK OF PERSONAL INJURY, PROPERTY DAMAGE AND POOR LAMP PERFORMANCE.

If the outer bulb is broken or punctured, immediately turn power off and remove lamp after it has cooled. Do not scratch the outer bulb or subject it to pressure as this could cause the outer bulb to crack or shatter.

RUPTURE RISKS:

Metal Halide arc-tubes are designed to operate under high pressure and at temperatures up to 2012 °F, 1100 °C and can unexpectedly rupture due to internal or external factors such as a ballast failure or misapplication. An arc-tube rupture can burst and shatter the outer glass bulb resulting in the discharge of glass fragments and extremely hot particles. If such a rupture were to happen, THERE IS A RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE.

RELAMP FIXTURES AT OR BEFORE THE END OF RATED LIFE.

Allowing lamps to operate until they fail is not advised and may increase the possibility of inner arc tube rupture.

CAUTION:

- Only operate lamp in an enclosed fixture capable of withstanding particles of glass having temperatures up to 2012 °F, 1100 °C. If you are uncertain, contact your fixture manufacturer.
- Only operate lamp in the specified burning position with compatible electrical equipment.
- The ANSI code on the Plusrite lamp must match the code on the ballast or luminaire.
- Only operate lamp in an enclosed fixture with ultraviolet absorbing filter glass.
- Do not look directly at the operating lamp for any period of time. This may cause eye injury.
- Lamp must be turned off for a minimum of 15min. at least once a week.
- Never expose an operating lamp to moisture such as rain, sleet or snow.
- Protect lamp base, socket and wiring against moisture, corrosive atmospheres and excessive heat.
- Periodically inspect the outer envelope. Replace lamp if scratched, cracked, or damaged.
- Electrically insulate any metal support in contact with the outer bulb to avoid glass decomposition.
- Before Lamp installation/replacement, shut power off and allow lamp and fixture to cool to avoid electrical shock and potential burn hazards
- Install lamp firmly but not forcibly into the socket.
- If an arc tube is broken, avoid skin contact with any of the contents or fragments.
- Do not store combustible or flammable materials directly below the luminaire
- Never install the lamp into an ordinary household socket.
- All pulse start lamps require a socket rated to withstand a 4000 volt pulse.
- Safety glasses and gloves should be used when installing or removing HID lamps

LAMP OPERATING CHARACTERISTICS

Lamp requires several minutes to come to full brightness. Time should be allowed for lamps stabilize in color when turned on for the first time. This may require several hours of operation, with more than one start. Color appearance may vary between individual lamps. It is further influenced by variation in the operating conditions and is not an indication of system or lamp failure. Lamp may require 10 to 20 minutes to restart if there is a power interruption.

R WARNING

This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation of outer envelope of the lamp is broken or punctured. Do not sure where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available. This lamp complies with USA Federal Standard 21 CFR 1040.30 and Canada Standard SOR/80-381.

HG LAMP CONTAINS MERCURY

Manage in Accord with Disposal Laws Kr-85
see www.lamprecycle.org

MH50-MH150, MS175-MS1000/MSPS