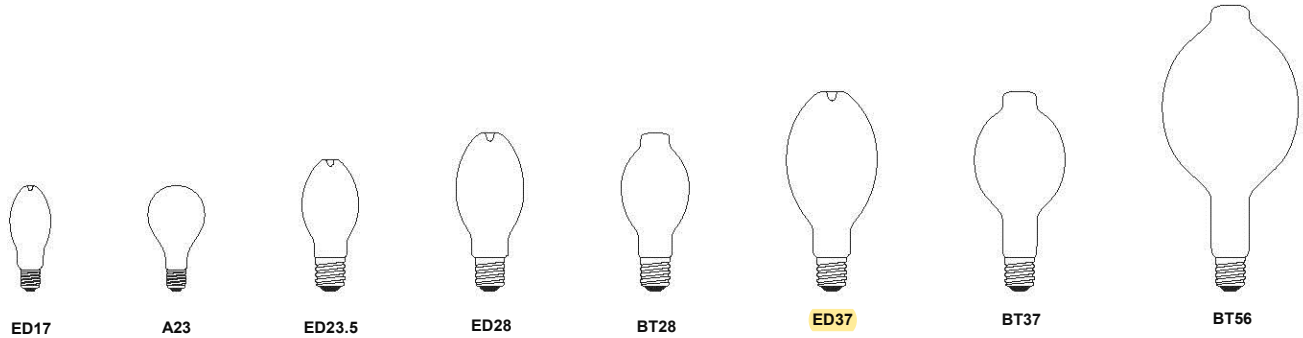
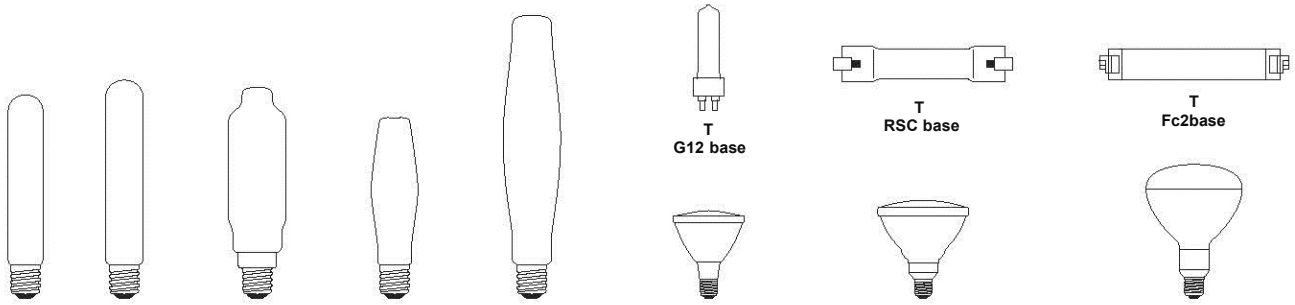
Plusrite®

BULBS

HIGH INTENSITY DISCHARGE

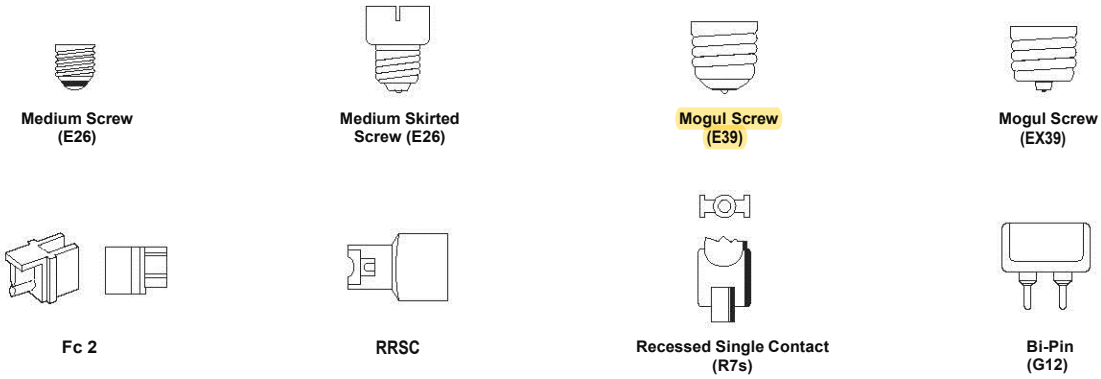


ED17 | A23 | ED23.5 | ED28 | BT28 | ED37 | BT37 | BT56



T15 | T16 | T25 | ET18 | ET25 | T G12 base | PAR30LN | T RSC base | PAR38 | T Fc2base | R40

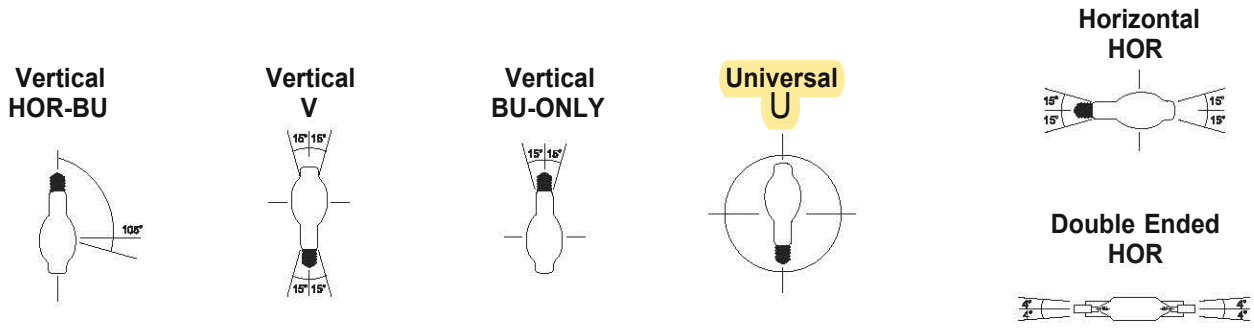
BASES



Medium Screw (E26) | Medium Skirted Screw (E26) | Mogul Screw (E39) | Mogul Screw (EX39)

Fc 2 | RRSC | Recessed Single Contact (R7s) | Bi-Pin (G12)

OPERATING POSITIONS



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
350	ED28	E39	1583	MS350/ED28/C/PS/BU/3K	M131/E	-	12	Coated	BU ±15°	8.31	5.00	35200	28200	20000	3200	70	844366015830
350	ED28	E39	1584	MS350/ED28/PS/BU/4K	M131/E	-	12	Clear	BU ±15°	8.31	5.00	37000	29000	20000	4200	65	844366015847
350	ED28	E39	1585	MS350/ED28/C/PS/BU/4K	M131/E	-	12	Coated	BU ±15°	8.31	5.00	35200	28200	20000	3800	70	844366015854
350	ED28	E39	1543	MS350/ED28/PS/V/4K	M131/E	-	12	Clear	VER ±15°	8.31	5.00	37000	29600	20000	4200	65	844366015434
350	ED28	E39	1544	MS350/ED28/PS/H75/4K	M131/E	-	12	Clear	HOR ±75°	8.31	5.00	33000	25000	20000	4200	65	844366015441
350	ED37	E39	1586	MS350/ED37/C/PS/BU/3K	M131/E	-	12	Coated	BU ±15°	11.50	7.01	35200	28200	20000	3200	70	844366015861
350	ED37	E39	1657	MS350/ED37/PS/U/4K	M131/E	-	12	Clear	Universal	11.50	7.01	37000	29000	20000	4200	65	844366016578
350	ED37	E39	1587	MS350/ED37/PS/BU/4K	M131/E	-	12	Clear	BU ±15°	11.50	7.01	37000	29600	20000	4200	65	844366015878
350	ED37	E39	1588	MS350/ED37/C/PS/BU/4K	M131/E	-	12	Coated	BU ±15°	11.50	7.01	35200	28200	20000	3800	70	844366015885
350	ED37	E39	1541	MS350/ED37/PS/V/4K	M131/E	-	12	Clear	VER ±15°	11.50	7.01	37000	29600	20000	4200	65	844366015410
350	ED37	E39	1542	MS350/ED37/C/PS/V/4K	M131/E	-	12	Coated	VER ±15°	11.50	7.01	35200	28200	20000	3800	70	844366015427
350	ED37	E39	1679	MS350/ED37/PS/H75/4K	M131/E	-	12	Clear	HOR ±75°	11.50	7.01	33000	25000	20000	4200	65	844366016790
350	ED37	E39	1545	MS350/ED37/C/PS/H75/4K	M131/E	-	12	Coated	HOR ±75°	11.50	7.01	31000	25000	20000	3800	70	844366015458
350	T15	E39	1546	MS350/T15/PS/H75/4K	M131/E	-	24	Clear	HOR ±75°	11.50	7.01	33000	25000	20000	3800	65	844366015465

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 shutter.

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