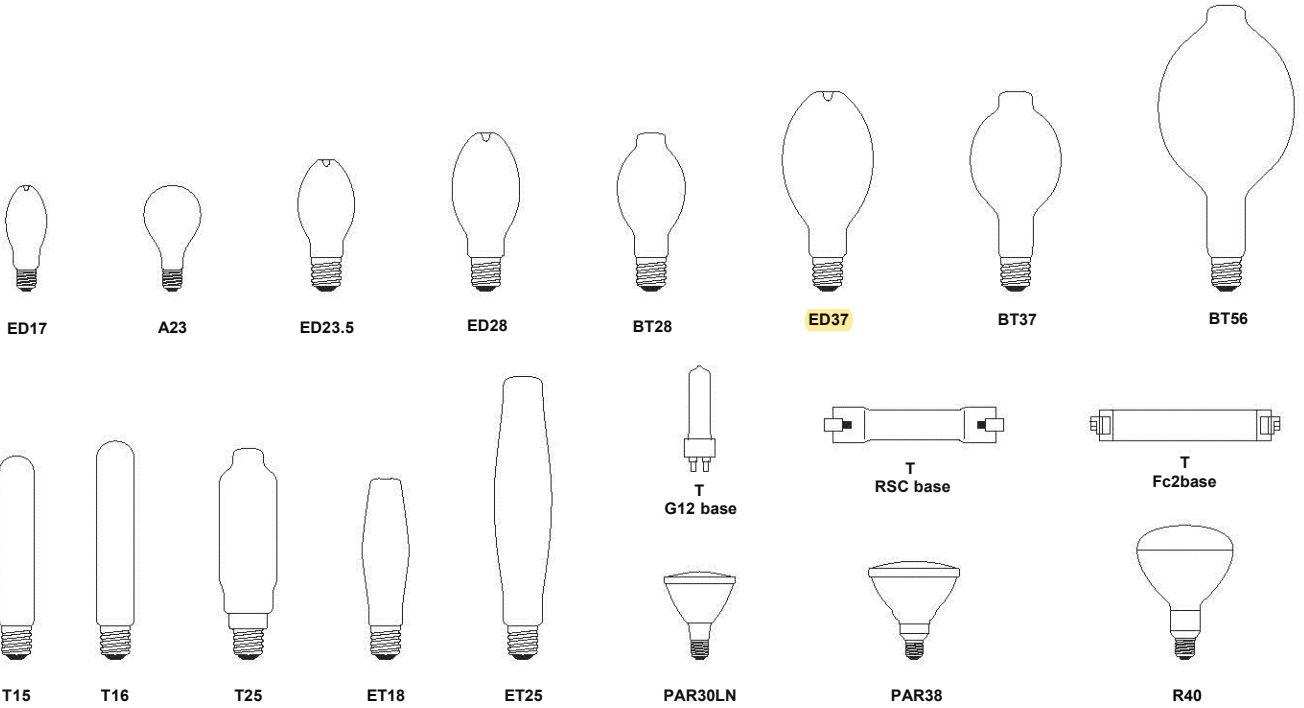
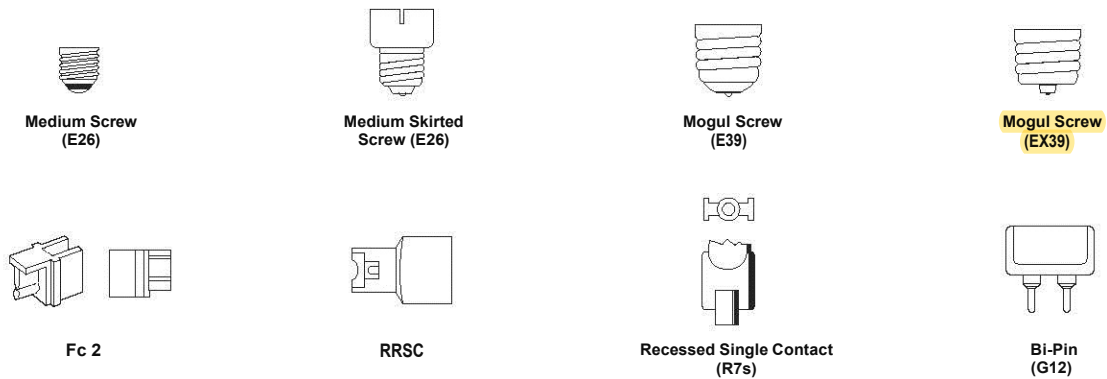


BULBS

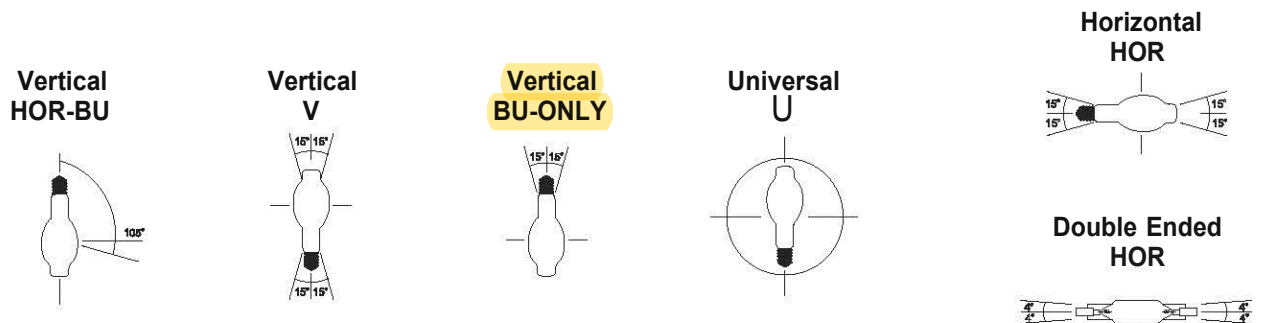
HIGH INTENSITY DISCHARGE



BASES



OPERATING POSITIONS



HIGH INTENSITY DISCHARGE

Protected 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	
125	ED28	EX39	1643	MP125/ED28/PS/V/4K	M150/0	-	12	Clear	VER ±15°	8.31	5.00	11400	8000	15000	4200	65	844366016431
175	ED28	EX39	1606	MP175/ED28/C/PS/BU/3K	M152/0	-	12	Coated	BU ±15°	8.31	5.00	16000	12000	15000	3200	70	844366016066
175	ED28	EX39	1607	MP175/ED28/PS/BU/4K	M152/0	-	12	Clear	BU ±15°	8.31	5.00	17000	12500	15000	4200	65	844366016073
175	ED28	EX39	1608	MP175/ED28/C/PS/BU/4K	M152/0	-	12	Coated	BU ±15°	8.31	5.00	16000	12000	15000	3800	70	844366016080
200	ED28	EX39	1609	MP200/ED28/C/PS/BU/3K	M136/0	-	12	Coated	BU ±15°	8.31	5.00	19000	15200	15000	3200	70	844366016097
200	ED28	EX39	1610	MP200/ED28/PS/BU/4K	M136/0	-	12	Clear	BU ±15°	8.31	5.00	20000	16000	15000	4200	65	844366016103
200	ED28	EX39	1611	MP200/ED28/C/PS/BU/4K	M136/0	-	12	Coated	BU ±15°	8.31	5.00	19000	15200	15000	3800	70	844366016110
200	ED28	EX39	1556	MP200/ED28/C/PS/V/3K	M136/0	-	12	Coated	VER ±15°	8.31	5.00	19000	15200	15000	3200	70	844366015564
200	ED28	EX39	1554	MP200/ED28/PS/V/4K	M136/0	-	12	Clear	VER ±15°	8.31	5.00	20000	16000	15000	4200	65	844366015540
200	ED28	EX39	1555	MP200/ED28/C/PS/V/4K	M136/0	-	12	Coated	VER ±15°	8.31	5.00	19000	15200	15000	3800	70	844366015557
250	ED28	EX39	1557	MP250/ED28/PS/BU/4K	M153/0	M138/0	12	Clear	BU ±15°	8.31	5.00	23500	19000	15000	4200	65	844366015571
250	ED28	EX39	1612	MP250/ED28/C/PS/BU/4K	M153/0	M138/0	12	Coated	BU ±15°	8.31	5.00	22500	17000	15000	3800	70	844366016127
320	ED28	EX39	1613	MP320/ED28/PS/BU/4K	M154/0	M132/0	12	Clear	BU ±15°	8.31	5.00	31000	25000	20000	4200	65	844366016134
320	ED28	EX39	1614	MP320/ED28/C/PS/BU/4K	M154/0	M132/0	12	Coated	BU ±15°	8.31	5.00	29000	23000	20000	3800	70	844366016141
320	ED37	EX39	1617	MP320/ED37/C/PS/BU/3K	M154/0	M132/0	12	Coated	BU ±15°	11.50	7.01	29000	23000	20000	3200	70	844366016172
320	ED37	EX39	1615	MP320/ED37/PS/BU/4K	M154/0	M132/0	12	Clear	BU ±15°	11.50	7.01	31000	25000	20000	4200	65	844366016158
320	ED37	EX39	1616	MP320/ED37/C/PS/BU/4K	M154/0	M132/0	12	Coated	BU ±15°	11.50	7.01	29000	23000	20000	3800	70	844366016165

Warning ANSI Luminaire Code O Open Fixture

Protected 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 the specified burning position with compatible electrical equipment.
- The ANSI code on the Plusrite lamp must match the code on the ballast or luminaire.
- 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

MP50/ED17/MP70/ED17/MP100/ED17/MP150/ED17/MP175/PS – MP1000PS