



## ProLume Pulse Start Metal Halide

ProLume Pulse Start lamp and ballast systems consume less energy compared to standard Metal Halide systems, all while providing the same lumen output. They boast better light quality than both High Pressure Sodium and Mercury Vapor lamps, and more efficient than Mercury Vapor lamps. These lamps are unaffected by standard ambient temperature and suitable for indoor and outdoor use.

### Specifications:

- BT37, ED17, ED28 and ED37
- Medium, Mogul and EX39 bases available
- 50 to 1000 watts
- Clear and coated
- Long life, up-to 20,000 hours average rated life
- Color temperatures of 3700K & 4000K
- Consistent lamp-to-lamp color
- Improved color rendering compared to HPS & MV

### Accessories:

- Medium and Mogul base porcelain sockets available to replace a Probe Start socket with Pulse Start rated 4kV socket

- » Protected Lamps available for open and closed fixtures
- » High efficacy, up-to 110 lumens per watt
- » Improved lumen maintenance

### Markets:

- Industrial
- Commercial
- Municipal

### Applications:

- Roadway
- Parking Lot
- Retail
- Security
- Street
- Wall Wash

# ProLume Pulse Start Metal Halide

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Comments: \_\_\_\_\_ Date: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

## Ordering Information

HIGH INTENSITY DISCHARGE

Bulb Type	Watts	Base	Product #	Product Code	Description	Fixture Type	Pkg Qty	ANSI Ballast Type	Initial Lumens	Avg Rated Life	MOL (Inches)	Color Temp	CRI	
<b>Pulse Start Metal Halide</b>														
	ED17	50	Med.	108228	MH50/U/MED/PS	Clear	E	1/12	M110/E	3400	10000	5.45"	4000	65
†	ED17	50	Med.	108232	MH50/C/U/MED/PS	Coated	E	1/12	M110/E	3300	10000	5.45"	3700	70
	ED17	50	Med.	108266	MP50/U/MED/PS	Clear	O	1/12	M110/O	3300	10000	5.45"	4000	65
	ED17	50	Med.	60505	MP50/C/U/MED/PS	Coated	O	1/12	M110/O	3200	10000	5.45"	3700	70
	ED17	70	Med.	108246	MH70/U/MED/PS	Clear	E	1/12	M98/E	5600	15000	5.45"	4000	65
	ED17	70	Med.	108248	MH70/C/U/MED/PS	Coated	E	1/12	M98/E	5300	15000	5.45"	3700	70
	ED17	70	Med.	108268	MP70/U/MED/PS	Clear	O	1/12	M98/O	5300	12000	5.45"	4000	65
	ED17	70	Med.	60508	MP70/C/U/MED/PS	Coated	O	1/12	M98/O	5000	12000	5.45"	3700	70
	ED17	100	Med.	108254	MH100/U/MED/PS	Clear	E	1/12	M90/E	9000	15000	5.45"	4000	65
	ED17	100	Med.	108256	MH100/C/U/MED/PS	Coated	E	1/12	M90/E	8500	15000	5.45"	3700	70
	ED28	100	Mog	60003	MH100/U/MOG/PS	Clear	E	1/12	M90/E	9000	15000	8.25"	4000	65
	ED17	100	Med.	108270	MP100/U/MED/PS	Clear	O	1/12	M90/O	8500	15000	5.45"	4000	65
	ED17	100	Med.	60507	MP100/C/U/MED/PS	Coated	O	1/12	M90/O	8100	15000	5.45"	3700	70
	ED17	125	Med.	60007	MH125/HBU/MED/PS	Clear Horizontal Base Up	E	1/12	M150/E	12000	15000	5.45"	4000	65
	ED17	150	Med.	108258	MH150/U/MED/PS	Clear	E	1/12	M102/E	14000	15000	5.45"	4000	65
	ED28	150	Mog	108305	MH150/U/PS	Clear	E	1/12	M102/E	14000	15000	8.25"	4000	65
	ED17	150	Med.	108272	MP150/U/MED/PS	Clear	O	1/12	M102/O	13300	15000	5.45"	4000	65
	ED17	150	Med.	60503	MP150/C/U/MED/PS	Coated	O	1/12	M102/O	12600	15000	5.45"	3700	70
	ED17	175	Med.	60002	MH175/BU/MED/PS	Clear Base Up	E	1/12	M152/E-M137/E	17500	15000	5.45"	4000	65
	ED28	175	Mog	108274	MH175/BU/PS	Clear Base Up	E	1/12	M152/E-M137/E	17500	15000	8.25"	4000	65
	ED28	175	Mog	60008	MH175/HBU/PS	Clear Horizontal Base Up	E	1/12	M152/E-M137/E	15000	15000	8.25"	4000	65
	ED28	200	Mog	108284	MH200/BU/PS	Clear Base Up	E	1/12	M136/E	21000	15000	8.25"	4000	65
†	ED28	200	Mog	60006	MH200/C/BU/PS	Coated Base Up	E	1/12	M136/E	20000	15000	8.25"	3700	70
	ED28	200	EX39	60511	MP200/BU/PS	Clear Base Up	O	1/12	M136/O	20000	15000	8.25"	4000	65
†	ED28	200	EX39	60509	MP200/C/BU/PS	Coated Base Up	O	1/12	M136/O	19000	15000	8.25"	3700	70
	ED28	250	Mog	108276	MH250/BU/PS	Clear Base Up	E	1/12	M153/E-M138/E	25000	15000	8.25"	4000	65
	ED28	250	Mog	60005	MH250/C/BU/PS	Coated Base Up	E	1/12	M153/E-M138/E	23800	15000	8.25"	3700	70
	ED28	250	Mog	60009	MH250/HBU/PS	Clear Horizontal Base Up	E	1/12	M153/E-M138/E	21000	15000	8.25"	4000	65
	ED28	250	EX39	108298	MP250/BU/PS	Clear Base Up	O	1/12	M153/O-M138/O	23800	15000	8.25"	4000	65
	ED28	250	EX39	60510	MP250/C/BU/PS	Coated Base Up	O	1/12	M153/O-M138/O	22600	15000	8.25"	3700	70

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HIGH INTENSITY DISCHARGE

## Ordering Information

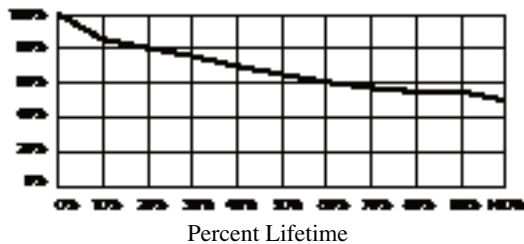
Bulb Type	Watts	Base	Product #	Product Code	Description	Fixture Type	Pkg Qty	ANSI Ballast Type	Initial Lumens	Avg Rated Life	MOL (Inches)	Color Temp	CRI
<b>Pulse Start Metal Halide con't</b>													
ED28	320	Mog	108278	MH320/BU/PS	Clear Base Up	E	1/12	M154/E-M132/E	33000	20000	8.25"	4000	65
+ ED28	320	Mog	60004	MH320/C/BU/PS	Coated Base Up	E	1/12	M154/E-M132/E	31000	20000	8.25"	3700	70
ED28	320	Mog	60010	MH320/HBU/PS	Clear Horizontal Base Up	E	1/12	M154/E-M132/E	31000	15000	8.25"	4000	65
ED28	320	EX39	108290	MP320/BU/PS	Clear Base Up	0	1/12	M154/0-M132/0	31000	20000	8.25"	4000	65
+ ED28	320	EX39	60504	MP320/C/BU/PS	Coated Base Up	0	1/12	M154/0-M132/0	29000	20000	8.25"	3700	70
ED37	350	Mog	108291	MH350/BU/PS	Clear Base Up	E	1/6	M131/E	37000	20000	11.50"	4000	65
ED28	400	Mog	60012	MH400/U/ED28/PS	Clear	E	1/12	M155/E-M135/E	39000	20000	8.25"	4000	65
<b>ED37</b>	<b>400</b>	<b>Mog</b>	<b>108280</b>	<b>MH400/BU/PS</b>	<b>Clear Base Up</b>	<b>E</b>	<b>1/6</b>	<b>M155/E-M135/E</b>	<b>44000</b>	<b>20000</b>	<b>11.50"</b>	<b>4000</b>	<b>65</b>
ED37	400	Mog	60011	MH400/U/PS	Clear	E	1/6	M155/E-M135/E	39000	20000	11.50"	4000	65
ED37	400	EX39	108296	MP400/BU/PS	Clear Base Up	0	1/6	M155/0-M135/0	41000	20000	11.50"	4000	65
+ ED37	450	EX39	60512	MP450/BU/PS	Clear Base Up	0	1/6	M144/0	47000	20000	11.50"	4000	65
+ BT37	575	EX39	60513	MP575/BU/PS	Clear Base Up	0	1/6	M178/0	60000	20000	11.50"	4000	65
BT37	750	Mog	60016	MH750/HBU/PS	Clear Horizontal Base Up	E	1/6	M149/E	75000	10000	11.50"	4000	65
BT37	750	EX39	60501	MP750/BU/PS	Clear Base Up	0	1/6	M149/0	72000	10000	11.50"	4000	65
BT37	875	Mog	60014	MH875/U/PS	Clear	E	1/6	M166/E	96000	15000	11.50"	4000	65
BT37	875	EX39	60514	MP875/BU/PS	Clear Base Up	0	1/6	M166/0	95000	20000	11.50"	4000	65
BT37	1000	Mog	60015	MH1000/U/PS	Clear	E	1/6	M141/E	110000	15000	11.50"	4000	65

† Available until inventory is depleted. Contact your Halco account representative for substitute.

**Hg** Hg-LAMP CONTAINS MERCURY, MANAGE IN ACCORD WITH DISPOSAL LAWS.  
 Visit [www.lamprecycle.org](http://www.lamprecycle.org) for disposal information for your state or local government.

WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use 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 FDA radiation performance standard 21 CFR subchapter J.

### Typical Lumen Depreciation



### STD PSMH Typical Mortality

