



HID

Metal Halide (MH) lamps are characterized by a white light, a long life, and are suitable for both indoor and outdoor applications. Ceramic Metal Halide (CMH) lamps combine the white light of metal halide with the added benefit of a high CRI. CMH lamps are an energy efficient alternative to halogen lamps!

Lamps must be operated in their specified operating positions in order to maximize lamp performance and life. An Incorrect Incorrect operating positions may also lead to lamp rupture.

HID systems do not have any ceiling height restrictions and can be used in a wide variety of applications. HID lamps will perform equally well and maintain light output in both cold and warm applications.

Pulse Start



MOL.: 5 7/16 in. (138 mm)
 Ø 2 1/8 in. (54 mm)
 LCL.: 3 3/8 in. (86 mm)

ED17



MOL.: 5 7/16 in. (138 mm)
 Ø 2 1/8 in. (54 mm)
 LCL.: 3 3/8 in. (86 mm)

EDX17



MOL.: 8 5/16 in. (211 mm)
 Ø 3 1/2 in. (89 mm)
 LCL.: 5 in. (127 mm)

ED28



MOL.: 11 1/2 in. (292 mm)
 Ø 4 5/8 in. (117.5 mm)
 LCL.: 7 in. (178 mm)

ED37



MOL.: 8 5/16 in. (211 mm)
 Ø 1 7/8 in. (48 mm)
 LCL.: 5 in. (127 mm)

T15

05

Order code	Description	Shape	Base	ANSI code	Colour temp. (K)	Lumen output (lm)	Mean lumens (lm)	CRI	Average life (hrs)	Operating position	Finish	Luminaire	Case qty (master)
50 watts													
58073	MH50W/U/PS STD	ED17	E26	M110/E	4 000	3 400	2 200	65	10 000	U	Clear	E	12
58037	MH50W/C/U/PS STD	ED17	E26	M110/E	3 700	3 200	2 100	70	10 000	U	Coated	E	12
58056	MP50W/U/UVS/PS STD	EDX17	E26	M110/O	4 000	3 200	2 100	65	10 000	U	Clear	O	12
59143	MP50W/C/U/UVS/PS STD	EDX17	E26	M110/O	3 700	3 000	2 000	70	10 000	U	Coated	O	12
58029	MP50W/U/UVS/PS/3K STD	EDX17	E26	M110/O	3 200	3 200	2 100	65	10 000	U	Clear	O	12
70 watts													
57995	MH70W/U/PS STD	ED17	E26	M98/E	4 000	5 600	3 600	65	15 000	U	Clear	E	12
58034	MH70W/C/U/PS STD	ED17	E26	M98/E	3 700	5 300	3 400	70	15 000	U	Coated	E	12
58065	MP70W/U/UVS/PS STD	EDX17	E26	M98/O	4 000	5 300	3 400	65	15 000	U	Clear	O	12
57982	MP70W/C/U/UVS/PS STD	EDX17	E26	M98/O	3 700	5 000	3 300	70	15 000	U	Coated	O	12
58069	MP70W/U/UVS/PS/3K STD	EDX17	E26	M98/O	3 200	5 300	3 400	65	15 000	U	Clear	O	12
58039	MP70W/C/U/UVS/PS/3K STD	EDX17	E26	M98/O	3 200	5 000	3 300	70	15 000	U	Coated	O	12
58043	MH70W/U/ED28/PS STD	ED28	E39	M98/E	4 000	5 600	3 600	65	15 000	U	Clear	E	12
100 watts													
58055	MH100W/U/PS STD	ED17	E26	M90/E	4 000	9 000	5 900	65	15 000	U	Clear	E	12
58042	MH100W/C/U/PS STD	ED17	E26	M90/E	3 700	8 500	5 500	70	15 000	U	Coated	E	12
58020	MP100W/U/UVS/PS STD	EDX17	E26	M90/O	4 000	8 500	5 500	65	15 000	U	Clear	O	12
58032	MP100W/C/U/UVS/PS STD	EDX17	E26	M90/O	3 700	8 100	5 300	70	15 000	U	Coated	O	12
58023	MP100W/U/UVS/PS/3K STD	EDX17	E26	M90/O	3 200	8 500	5 500	65	15 000	U	Clear	O	12
58031	MP100W/C/U/UVS/PS/3K STD	EDX17	E26	M90/O	3 200	8 100	5 300	70	15 000	U	Coated	O	12
61958	MH100W/U/ED28/PS STD	ED28	E39	M90/E	4 300	9 000	5 900	65	10 000	U	Clear	E	12
57997	MH100W/C/U/ED28/PS STD	ED28	E39	M90/E	3 700	8 500	5 500	70	15 000	U	Coated	E	12

O = Open rated for indoor fixtures E = Enclosed rated for indoor or outdoor fixtures
 Note: Lamp description containing UVS have the UV Stop feature.

Order code	Description	Shape	Base	ANSI code	Colour temp. (K)	Average life (hrs)	Lumen output (lm)	Mean lumens (lm)	CRI	Operating position	Finish	Luminaire	Case qty (master)
150 watts													
58025	MH150W/U/PS/740 STD	ED17	E26	M102/E	4 000	15 000	14 000	10 500	65	U	Clear	E	12
58018	MH150W/C/U/PS/737 STD	ED17	E26	M102/E	3 700	15 000	13 300	10 000	70	U	Coated	E	12
58053	MP150W/U/UVS/PS/740 STD	EDX17	E26	M102/O	4 000	15 000	13 300	10 000	65	U	Clear	O	12
58054	MP150W/C/U/UVS/PS/737 STD	EDX17	E26	M102/O	3 700	15 000	12 600	9 500	70	U	Coated	O	12
58038	MH150W/U/ED28/PS/740 STD	ED28	E39	M102/E	4 000	15 000	14 000	10 500	68	U	Clear	E	12
58057	MP150W/C/U/ED28/UVS/PS/737 STD	ED28	EX39	M102/O	3 700	15 000	12 600	9 500	70	U	Coated	O	12
175 watts													
58044	MS175W/BU/MED/PS/740 STD	ED17	E26	M152/E	4 000	15 000	17 500	14 000	65	BU±15°	Clear	E	12
59144	MS175W/C/BU/MED/PS/737 STD	ED17	E26	M152/E	3 700	15 000	16 600	13 300	70	BU±15°	Coated	E	12
57986	MS175W/BU/PS/740 STD	ED28	E39	M152/E	4 000	15 000	17 500	14 000	65	BU±15°	Clear	E	12
57984	MS175W/C/BU/PS/737 STD	ED28	E39	M152/E	3 700	15 000	16 600	13 300	70	BU±15°	Coated	E	12
200 watts													
57976	MS200W/BU/MED/PS/740 STD	ED17	E26	M136/E	4 000	12 000	21 000	16 800	68	BU±15°	Clear	E	12
57967	MS200W/V/PS/740 STD	ED28	E39	M136/E	4 000	15 000	21 000	16 800	68	BU±15°	Clear	E	12
57987	MS200W/C/V/PS/737 STD	ED28	E39	M136/E	3 700	20 000	20 000	16 000	70	BU±15°	Coated	E	12
250 watts													
58072	MS250W/V/PS/740 STD	ED28	E39	M153/E	4 000	20 000	25 000	19 000	65	BU±15°	Clear	E	12
57999	MS250W/C/V/PS/737 STD	ED28	E39	M153/E	3 700	20 000	23 800	18 088	70	BU±15°	Coated	E	12
57998	MS250W/H75/PS/740 STD	ED28	E39	M153/E	4 000	10 000	22 000	17 600	68	HOR±75°	Clear	E	12
57980	MP250W/BU/UVS/PS/740 STD	ED28	EX39	M153/O	4 000	15 000	23 800	19 000	65	BU±15°	Clear	O	12
320 watts													
57964	MS320W/V/ED37/PS/740 STD	ED37	E39	M154/E	4 000	20 000	33 000	26 400	65	BU±15°	Clear	E	6
57973	MS320W/V/ED28/PS/740 STD	ED28	E39	M154/E	4 000	20 000	33 000	26 400	65	BU±15°	Clear	E	12
59147	MS320W/H75/ED28/PS/740 STD	ED28	E39	M154/E	4 000	10 000	30 000	24 000	68	HOR±75°	Clear	E	12
58026	MP320W/BU/ED28/UVS/PS/740 STD	ED28	EX39	M154/O	4 000	20 000	31 000	24 800	65	BU±15°	Clear	O	12
58027	MP320W/C/BU/ED28/UVS/PS/737 STD	ED28	EX39	M154/O	3 700	20 000	29 000	23 200	70	BU±15°	Coated	O	12
58051	MP320W/BU/ED37/UVS/PS/740 STD	ED37	EX39	M154/O	4 000	20 000	31 000	24 800	65	BU±15°	Clear	O	6
350 watts													
58024	MS350W/V/PS/740 STD	ED37	E39	M131/E	4 000	20 000	37 000	29 000	65	BU±15°	Clear	E	6
57988	MS350W/C/V/PS/737 STD	ED37	E39	M131/E	3 700	20 000	35 000	28 000	70	BU±15°	Coated	E	6
58052	MP350W/V/UVS/PS/740 STD	ED37	EX39	M131/O	4 000	20 000	35 000	28 000	65	BU±15°	Clear	O	6
59146	MP350W/C/V/UVS/PS/737 STD	ED37	EX39	M131/O	3 700	20 000	33 000	26 000	70	BU±15°	Coated	O	6
400 watts													
58001	MS400W/V/ED28/PS/740 STD	ED28	E39	M155/E	4 000	20 000	44 000	35 200	65	BU±15°	Clear	E	12
58064	MS400W/H75/ED28/PS/740 STD	ED28	E39	M155/E	4 000	10 000	40 000	32 000	65	HOR±75°	Clear	E	12
57994	MS400W/V/PS/740 STD	ED37	E39	M155/E	4 000	20 000	44 000	35 000	68	BU±15°	Clear	E	6
57968	MS400W/H75/PS/740 STD	ED37	E39	M155/E	4 000	26 000	40 000	32 000	68	HOR±75°	Clear	E	6
58070	MP400W/C/V/UVS/PS/737 STD	ED37	EX39	M155/O	3 700	20 000	39 000	31 000	70	BU±15°	Coated	O	6
450 watts													
59140	MS450W/V/PS/740 STD	ED37	E39	M155/E	4 000	20 000	50 000	40 000	65	BU±15°	Clear	E	6
57981	MP450W/BU/UVS/PS/740 STD	ED37	EX39	M155/O	4 000	20 000	47 000	37 600	65	BU±15°	Clear	O	6
1 000 watts													
61055	MS1000W/BU/ED37/PS/740 STD	ED37	E39	M141/E	4 000	12 000	115 000	86 000	68	BU±15°	Clear	E	6

O = Open rated for indoor fixtures E = Enclosed rated for indoor or outdoor fixtures
 Note: Lamp description containing UVS have the UV Stop feature.



OUTDOOR



WARRANTY



UV STOP



1 YEAR WARRANTY

Traditional



MOI: 5 7/16 in. (138 mm)
 Ø 2 1/8 in. (54 mm)
 LCL: 3 3/8 in. (86 mm)

ED17



MOI: 9 3/4 in. (248 mm)
 Ø 1 7/8 in. (48 mm)
 LCL: 5 in. (127 mm)

T15



MOI: 8 5/16 in. (211 mm)
 Ø 3 1/2 in. (89 mm)
 LCL: 5 in. (127 mm)

ED28



MOI: 11 1/2 in. (292 mm)
 Ø 4 5/8 in. (117.5 mm)
 LCL: 7 in. (178 mm)

ED37



MOI: 15 13/32 in. (391 mm)
 Ø 7 in. (178 mm)
 LCL: 9 1/2 in. (241 mm)

BT56

05

Order code	Description	Shape	Base	ANSI code	Colour temp. (K)	Lumen output (lm)	Mean lumens (lm)	Average life (hrs)	CRI	Operating position	Finish	Luminaire	Case qty (master)
175 watts													
58041	MH175W/U/MED STD	ED17	E26	M57/E	4 000	14 000	9 100	10 000	65	U	Clear	E	12
57979	MH175W/C/U/MED STD	ED17	E26	M57/E	3 700	13 300	8 600	10 000	70	U	Coated	E	12
58010	MH175W/U STD	ED28	E39	M57/E	4 000	14 000	9 100	10 000	65	U	Clear	E	12
58022	MH175W/C/U STD	ED28	E39	M57/E	3 700	13 300	8 600	10 000	70	U	Coated	E	12
250 watts													
57978	MH250W/U STD	ED28	E39	M58/E	4 000	21 000	13 700	10 000	65	U	Clear	E	12
57977	MH250W/C/U STD	ED28	E39	M58/E	3 700	20 000	13 000	10 000	70	U	Coated	E	12
58061	MH250W/U/T15 STD	T15	E39	M58/E	4 000	21 000	13 700	10 000	65	U	Clear	E	12
58002	MS250W/HOR/T15 STD	T15	EP39	M58/E	4 000	23 000	15 000	10 000	65	HOR±45°	Clear	E	12
400 watts													
57966	MH400W/U/ED28 STD	ED28	E39	M59/E	4 000	36 000	23 000	20 000	65	U	Clear	E	12
58049	MH400W/C/U/ED28 STD	ED28	E39	M59/E	3 700	34 000	22 000	20 000	70	U	Coated	E	12
58048	MH400W/U STD	ED37	E39	M59/E	4 000	36 000	23 000	20 000	65	U	Clear	E	6
58000	MH400W/C/U STD	ED37	E39	M59/E	3 700	34 000	22 000	20 000	70	U	Coated	E	6
59145	MS400W/HOR STD	ED37	EP39	M59/E	4 000	40 000	26 000	20 000	65	HOR±45°	Clear	E	6
58019	MPI400W/BU STD	ED37	EX39	M59/O	4 000	38 000	30 400	20 000	65	BU±15°	Clear	O	6
58076	MH400W/U/T15 STD	T15	E39	M59/E	4 000	36 000	23 000	15 000	65	U	Clear	E	12
1 000 watts													
61056	MH1000W/U/ED37 STD	ED37	E39	M47/E	4 000	110 000	71 000	12 000	65	U	Clear	E	6
57993	MH1000W/U STD	BT56	E39	M47/E	4 000	110 000	71 000	12 000	65	U	Clear	E	6

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Specialty

T6



MOL.: 4 1/2 in. (114 mm)
 Ø 25/32 in. (20 mm)
 LCL.: 2 5/16 in. (59 mm)

T7



MOL.: 5 3/16 in. (132 mm)
 Ø 29/32 in. (23 mm)
 LCL.: 2 13/16 in. (61 mm)

ED37



MOL.: 11 1/2 in. (292 mm)
 Ø 4 5/8 in. (117.5 mm)
 LCL.: 7 in. (178 mm)

Order code	Description	Shape	Base	ANSI code	Colour temp. (K)	Lumen output (lm)	Mean lumens (lm)	Average life (hrs)	CRI	Operating position	Finish	Luminaire	Case qty (master)
70 watts													
57975	MH-DE 70W/UVS/4K STD	T6	R7s	M85/E	4 200	5 500	3 600	10 000	65	HOR±45°	Clear	E	25
58045	MH-DE 70W/UVS/3K STD	T6	R7s	M85/E	3 000	5 200	3 400	10 000	65	HOR±45°	Clear	E	25
150 watts													
59141	MH-DE 150W/UVS/3K STD	T7	R7s	M81/E	3 000	11 250	8 400	10 000	65	HOR±45°	Clear	E	25
360 watts													
61054	MPI360W/BU/EM STD	ED37	EX39	M165/M59/O	4 000	36 000	23 000	20 000	65	BU±15°	Clear	O	6

Ceramic Metal Halide

05

T4.5



MOL.: 3 5/32 in. (80 mm)
 Ø 9/16 in. (14 mm)
 LCL.: 2 1/16 in. (52 mm)

T6



MOL.: 3 15/16 in. (100 mm)
 Ø 3/4 in. (19 mm)
 LCL.: 2 7/32 in. (56 mm)

PAR30LN



MOL.: 4 13/16 in. (122 mm)
 Ø 3 3/4 in. (95 mm)

ED17



MOL.: 5 7/16 in. (138 mm)
 Ø 2 1/8 in. (54 mm)
 LCL.: 3 3/8 in. (86 mm)

Order code	Description	Shape	Base	Colour temp. (K)	Average life (h)	Initial lumens (lm)	Mean lumens (lm)	CRI	Operating position	Finish	Luminaire	Case qty (master)
35 watts												
59993	CMH35PAR30LN/830/FL/STD	PAR30LN	E26	3 000	8 000	2 200	1 804	80	U	Clear	O	6
70 watts												
59977	CMT70/U/830/G8.5/STD	T4.5	G8.5	3 000	10 000	6 700	5 500	85	U	Clear	E	12
59980	CMT70/U/830/G12/STD	T6	G12	3 000	12 000	6 700	5 600	85	U	Clear	E	12

O = Open rated for indoor fixtures E = Enclosed rated for indoor or outdoor fixtures
 Note: Lamp description containing UVS have the UV Stop feature.

This product is no longer manufactured as per Energy Efficiency Regulations, note that it will remain available until stock is depleted.



Safety Max™

With STANDARD Safety Max™, you protect the products of the production line, without sacrificing lumen output.

Should a Safety Max™ lamp break, virtually all glass, mercury, metal and phosphors are contained by the safety coating. Disposal and lamp changes are also easy and safe. Therefore, you can prevent contamination, minimize risk and avoid your business being shut down.



Order code	Description	Watts (W)	Base	ANSI code	Colour temp. (K)	Lumen output (lm)	Mean Lumens (lm)	Average life (hrs)	CRI	Shape	Coating	Operating position	Finish	Case qty (inner/master)
Metal Halide														
46142	MH175W/U STD SM	175	E39	M57	4 000	14 000	9 100	10 000	65	BT28	PTFE	U	Clear	6/24
16000	MH250W/U STD SM	250	E39	M58	4 000	21 000	13 700	10 000	65	BT28	PTFE	U	Clear	1/12
46143	MH400W/U STD SM	400	E39	M59	4 000	36 000	23 000	20 000	65	BT37	PTFE	U	Clear	1/6
11711	MPI400W/BU STD SM	400	EX39	M59	4 000	40 000	26 500	20 000	65	BT37	PTFE	U	Clear	1/6
61514	MH1000W/U STD SM	1000	E39	M47/E	4 000	110 000	71 000	12 000	65	BT56	PTFE	U	Clear	1/6
High Pressure Sodium														
11207	LU70/MED EYE SM	70	E26	S62	1 900	6 300	5 350	24 000	22	ED17	PTFE	U	Clear	1/12
11706	LU150/55 EYE SM	150	E39	S55	1 900	24 000	16 000	1 900	22	ED23.5	PTFE	U	Clear	1/12
11205	LU250 EYE SM	250	E39	S50	1 900	24 000	28 500	1 900	22	ET18	PTFE	U	Clear	1/12
11206	LU400 EYE SM	400	E39	S51	1 900	24 000	50 000	1 900	22	ET18	PTFE	U	Clear	1/12
Mercury Vapour														
46145	HF400PD EYE SM	400	E39	H33	4 100	24 000	19 200	24 000	40	BT37	PTFE	U	Coated	1/12

05

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