

# High Intensity Discharge Lamps

## MasterColor Ceramic Metal Halide Lamps

Watts	Bulb Base	Product Number	Symbols, Ordering Footnotes Code	ANSI Code Ballast Ref.	Pkg. Qty. ‡	Description(401,407)	LCL (In.)	MOL (In.)	Rated Avg. Life (Hrs.)(35)	Approx. Initial Lumens(352)	Approx. Mean Lumens(353)	CRI	CCT (K)
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### Protected MasterColor Ceramic Metal Halide Lamps (391, 392, 396, 399)

ED17P sleeved arc tube; open or enclosed luminaires; lifetime color stability within ±200K; pulse start

50	ED17P	Med.	42368-1	H+	MHC50/U/MP/3K ELITE	C110/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4800	3840	90 3000
			42994-4	H+	MHC50/U/MP/4K/ELITE	C110/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4645	3716	92 4000
70	ED17P	Med.	42370-7	H+	MHC70/U/MP/3K ELITE	C98/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6700	5360	90 3000
			42369-9	H+	MHC70/C/U/MP/3K ELITE	C98/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	6100	4880	90 3000
			42995-0	H+	MHC70/U/MP/4K/ELITE	C98/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6189	4951	93 4000
			42997-6	H+	MHC70/C/U/MP/4K/ELITE	C98/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	5896	4717	93 4000
100	ED17P	Med.	42367-3	H+	MHC100/U/MP/3K ELITE	C90/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	10,000	8000	90 3000
			42371-5	H+	MHC100/C/U/MP/3K ELITE	C90/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	9200	7360	90 3000
			42993-6	H+	MHC100/U/MP/4K/ELITE	C90/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	9249	7399	93 4000
			42996-8	H+	MHC100/C/U/MP/4K/ELITE	C90/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	8750	7000	93 4000
150	ED17P	Med.	13463-5	H	MHC150/U/MP/3K	C142/C102/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	16,000	12,900	9545	85 3000
			13464-3	H	MHC150/C/U/MP/3K	C142/C102/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	16,000	11,900	8805	85 3000
			37724-2	H	MHC150/U/MP/4K	C142/C102/O	12	G, Clear, FadeBlock	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	12,000	9000	92 4000
			37726-7	Y H	MHC150/C/U/MP/4K	C142/C102/O	12	G, Coated, FadeBlock	—	5 <sup>1</sup> / <sub>16</sub>	20,000	11,000	8250	92 4000

### MasterColor Ceramic Metal Halide ED17, ED28 Lamps (391, 392, 399)

Enclosed luminaires only; lifetime color stability within ±200K; pulse start

50	ED17	Med.	41949-9	H+	C110/E	M148/M110/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	5500	4400	90 3000
			42992-8	H+	C110/E	M148/M110/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	4779	3823	88 4000
70	ED17	Med.	41947-3	H+	C98/E	M143/M98/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	7700	6100	90 3000
			41948-1	H+	C98/E	M143/M98/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	7300	5800	90 3000
			42990-2	H+	C98/E	M143/M98/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	6630	5304	89 4000
			42991-0	H+	C98/E	M143/M98/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	6149	4919	88 4000
100	ED17	Med.	41951-5	H+	C90/E	M140/M90/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	11,000	9350	85 3000
			41952-3	H+	C90/E	M140/M90/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	10,200	8670	85 3000
			42988-6	H+	C90/E	M140/M90/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	9955	7964	93 4000
			42989-4	H+	C90/E	M140/M90/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	9530	7624	93 4000
	ED28	Mog.	43070-2	Y H	C90/E	M140/M90/E	12	G, Clear (372)	5	8 <sup>1</sup> / <sub>16</sub>	20,000	10,000	8000	90 4100
150	ED17	Med.	13022-9	H	C142/C102/E	M142/M102/E	12	G, Clear	3 <sup>1</sup> / <sub>32</sub>	5 <sup>1</sup> / <sub>16</sub>	16,000	14,000	10,500	85 3000
			37720-0	H	C142/C102/E	M142/M102/E	12	G, Clear	3 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	20,000	13,000	9750	92 4000
			37721-8	H	C142/C102/E	M142/M102/E	12	G, Coated	—	5 <sup>1</sup> / <sub>16</sub>	20,000	12,000	9000	92 4000

For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).  
HID symbols and footnotes located on page 83.

