

HIGH INTENSITY DISCHARGE LAMPS

MasterColor Ceramic Metal Halide Lamps

Watts	Bulb Base	Product Number	Symbols, Footnotes	Ordering Code	ANSI Code	Pkg. Qty.	Description (401, 407)	LCL (In.)	MOL (In.)	Rated Avg. Life (Hrs.) (351)	Approx. Initial Lumens (352)	Approx. Mean Lumens (353)	CRI	CCT (K)
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.	36891-0	☐★●	MHC50/U/MP/3K/ALTO	M148/M110/O	12	G, Clear, FadeBlock	3/8	5/8	10,000	4000	2680	85	3000
		36893-6	☐★●	MHC50/U/MP/4K/ALTO	M148/M110/O	12	G, Clear, FadeBlock	3/8	5/8	20,000	3600	2450	92	4000
70	ED17P Med.	23366-8	★●	MHC70/U/MP/3K/ALTO	M143/M98/O	12	G, Clear, FadeBlock	3/8	5/8	16,000	5900	4365	85	3000
		23367-6	★●	MHC70/CU/MP/3K/ALTO	M143/M98/O	12	G, Coated, FadeBlock	—	5/8	16,000	5400	3995	85	3000
		36057-8	☐★●	MHC70/U/MP/4K/ALTO	M143/M98/O	12	G, Clear, FadeBlock	3/8	5/8	20,000	5800	4060	92	4000
		36059-4	☐★●	MHC70/CU/MP/4K/ALTO	M143/M98/O	12	G, Coated, FadeBlock	—	5/8	20,000	5200	3640	92	4000
100	ED17P Med.	23368-4	★●	MHC100/U/MP/3K/ALTO	M140/M90/O	12	G, Clear, FadeBlock	3/8	5/8	16,000	8600	6450	85	3000
		23444-3	★●	MHC100/CU/MP/3K/ALTO	M140/M90/O	12	G, Coated, FadeBlock	—	5/8	16,000	7900	5925	85	3000
		36060-2	☐★●	MHC100/U/MP/4K/ALTO	M140/M90/O	12	G, Clear, FadeBlock	3/8	5/8	20,000	8200	6150	92	4000
		36061-0	☐★●	MHC100/CU/MP/4K/ALTO	M140/M90/O	12	G, Coated, FadeBlock	—	5/8	20,000	7500	5625	92	4000
150	ED17P Med.	13463-5	★●	MHC150/U/MP/3K/ALTO	M142/M102/O	12	G, Clear, FadeBlock	3/8	5/8	16,000	12,900	9545	85	3000
		13464-3	★●	MHC150/CU/MP/3K/ALTO	M142/M102/O	12	G, Coated, FadeBlock	—	5/8	16,000	11,900	8805	85	3000
		37724-2	☐★●	MHC150/U/MP/4K/ALTO	M142/M102/O	12	G, Clear, FadeBlock	3/8	5/8	20,000	12,000	9000	92	4000
		37726-7	☐★●	MHC150/CU/MP/4K/ALTO	M142/M102/O	12	G, Coated, FadeBlock	—	5/8	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.	36020-6	☐★●	MHC50/U/M/3K/ALTO	M148/M110/E	12	G, Clear (391, 392, 399)	3/8	5/8	10,000	4100	2750	85	3000
		36022-2	☐★●	MHC50/CU/M/3K/ALTO	M148/M110/E	12	G, Coated (391, 392, 399)	—	5/8	10,000	3800	2545	85	3000
		36023-0	☐★●	MHC50/U/M/4K/ALTO	M148/M110/E	12	G, Clear (391, 392, 399)	3/8	5/8	20,000	3750	2550	92	4000
		36024-8	☐★●	MHC50/CU/M/4K/ALTO	M148/M110/E	12	G, Coated (391, 392, 399)	—	5/8	20,000	3600	2450	92	4000
70	ED17 Med.	20884-3	★●	MHC70/U/M/3K/ALTO	M143/M98/E	12	G, Clear (391, 392, 399)	3/8	5/8	16,000	6200	4585	85	3000
		20887-6	★●	MHC70/CU/M/3K/ALTO	M143/M98/E	12	G, Coated (391, 392, 399)	—	5/8	16,000	5800	4290	85	3000
		28129-5	☐★●	MHC70/U/M/4K/ALTO	M143/M98/E	12	G, Clear (391, 392, 399)	3/8	5/8	20,000	5900	4130	92	4000
		28133-7	☐★●	MHC70/CU/M/4K/ALTO	M143/M98/E	12	G, Coated (391, 392, 399)	—	5/8	20,000	5500	3850	92	4000
100	ED17 Med.	20888-4	★●	MHC100/U/M/3K/ALTO	M140/M90/E	12	G, Clear (391, 392, 399)	3/8	5/8	16,000	9500	7125	85	3000
		20889-2	★●	MHC100/CU/M/3K/ALTO	M140/M90/E	12	G, Coated (391, 392, 399)	—	5/8	16,000	8800	6600	85	3000
		28135-2	☐★●	MHC100/U/M/4K/ALTO	M140/M90/E	12	G, Clear (391, 392, 399)	3/8	5/8	20,000	9000	6750	92	4000
		28136-0	☐★●	MHC100/CU/M/4K/ALTO	M140/M90/E	12	G, Coated (391, 392, 399)	—	5/8	20,000	8400	6300	92	4000
	ED28 Mog.	36543-7	☐★	MHC100/U/ED28/HR/4K	M140/M90/E	12	G, Clear (372, 377, 378)	5	8 1/2	10,000	8500	6800	92	4100
150	ED17 Med.	13022-9	☐★●	MHC150/U/M/3K/ALTO	M142/M102/E	12	G, Clear (391, 392, 399)	3 1/2	5/8	16,000	14,000	10,500	85	3000
		13023-7	☐★●	MHC150/CU/3K/ALTO	M142/M102/E	12	G, Coated (391, 392, 399)	—	5/8	16,000	12,500	9375	85	3000
		37720-0	☐★●	MHC150/U/M/4K/ALTO	M142/M102/E	12	G, Clear (391, 392, 399)	3/8	5/8	20,000	13,000	9750	92	4000
		37721-8	☐★●	MHC150/CU/M/4K/ALTO	M142/M102/E	12	G, Coated (391, 392, 399)	—	5/8	20,000	12,000	9000	92	4000

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HID symbols and footnotes located on page 89

