

HID Lamps Cont.

PHILIPS

Protected MasterColor Ceramic Metal Halide PAR Lamps

Open or enclosed luminaires; lifetime color stability within $\pm 200K$

Part No.	Lamp Abbreviation No.	Vendor No.	Watts	ANSI Spec. No.	Description	Life Avg. Rated Hours	Initial Lumens	Avg. Lumens	Color Temp.	CRI	Price /Each
PAR-20, Medium Base											
0725314	CDM35/PAR20/M/SP	233650	39	M130/O (MBCP = 23,000)	G, PAR WISO Spot 10°	9000	2000	1300	3000	81	\$73.91
0725312	CDM35/PAR20/M/FL	233643	39	M130/O (MBCP = 5000)	G, PAR WISO Flood 30°	9000	2000	1300	3000	81	73.91
PAR-30L, Medium Base											
0725317	CDM35/PAR30L/M/SP	223297	39	M130/O (MBCP = 44,000)	G, PAR WISO Spot 10°	9000	2200	1430	3000	81	73.91
0725316	CDM35/PAR30L/M/FL	223305	39	M130/O (MBCP = 7400)	G, PAR WISO Flood 30°	9000	2200	1430	3000	81	73.91
0725320	CDM70/PAR30L/M/SP	232249	70	M143/M98/O (MBCP = 68,000)	G, PAR WISO Spot 10°	11000	5000	3050	3000	83	73.91
0725318	CDM70/PAR30L/M/FL	232215	70	M143/M98/O (MBCP = 10,000)	G, PAR WISO Flood 40°	11000	5000	3050	3000	83	73.91
PAR-38, Medium Base											
0725324	CDM70/PAR38/SP/3K/ALTO	222505	70	M143/M98/O (MBCP = 42,000)	G, PAR WISO Spot 15°	12500	4100	2870	3000	85	73.91
0725322	CDM70/PAR38/FL/3K/ALTO	222497	70	M143/M98/O (MBCP = 18,000)	G, PAR WISO Flood 25°	12500	4100	2870	3000	85	73.91
0725325	CDM70/PAR38/SP/4K/ALTO	288720	70	M143/M98/O (MBCP = 40,000)	G, PAR WISO Spot 15°	12500	3700	2590	4000	92	73.91
0725323	CDM70/PAR38/FL/4K/ALTO	288738	70	M143/M98/O (MBCP = 15,000)	G, PAR WISO Flood 25°	12500	3700	2590	4000	92	73.91
0725328	CDM100/PAR38/SP/3K/ALTO	244772	100	M140/M90/O (MBCP = 65,000)	G, PAR WISO Spot 15°	12500	6200	4340	3000	85	73.91
0725326	CDM100/PAR38/FL/3K/ALTO	244764	100	M140/M90/O (MBCP = 24,000)	G, PAR WISO Flood 25°	12500	6200	4340	3000	85	73.91
0725329	CDM100/PAR38/SP/4K/ALTO	288761	100	M140/M90/O (MBCP = 52,000)	G, PAR WISO Spot 15°	12500	5700	3990	4000	92	73.91
0725327	CDM100/PAR38/FL/4K/ALTO	288787	100	M140/M90/O (MBCP = 19,000)	G, PAR WISO Flood 25°	12500	5700	3990	4000	92	73.91

Protected MasterColor Ceramic Metal Halide Lamps, Medium Base

ED-17P sleeved arc tube; open or enclosed luminaires; lifetime color stability within $\pm 200K$; pulse start

Part No.	Lamp Abbreviation No.	Vendor No.	Watts	ANSI Spec. No.	Description	Life Avg. Rated Hours	Initial Lumens	Avg. Lumens	Color Temp.	CRI	Price /Each
0709636	MHC50/U/MP/3K/ALTO	368910	50	M148/M110/O	G, Clear, FadeBlock	10000	4000	2680	3000	85	\$54.69
0725347	MHC50/U/MP/4K/ALTO	368936	50	M148/M110/O	G, Clear, FadeBlock	20000	3600	2450	4000	92	47.93
0709639	MHC70/U/MP/3K/ALTO	233668	70	M143/M98/O	G, Clear, FadeBlock	16000	5900	4365	3000	85	46.44
0709638	MHC70/C/U/MP/3K/ALTO	233676	70	M143/M98/O	G, Coated, FadeBlock	16000	5400	3995	3000	85	50.27
0725348	MHC70/U/MP/4K/ALTO	360578	70	M143/M98/O	G, Clear, FadeBlock	20000	5800	4060	4000	92	47.93
0725349	MHC70/C/U/MP/4K/ALTO	360594	70	M143/M98/O	G, Coated, FadeBlock	20000	5200	3640	4000	85	50.22
0709633	MHC100/U/MP/3K/ALTO	233684	100	M140/M90/O	G, Clear, FadeBlock	16000	8600	6450	3000	85	40.10
0709632	MHC100/C/U/MP/3K/ALTO	234443	100	M140/M90/O	G, Coated, FadeBlock	16000	7900	5925	3000	85	53.75
0725350	MHC100/U/MP/4K/ALTO	360602	100	M140/M90/O	G, Clear, FadeBlock	20000	8200	6150	4000	92	47.93
0725351	MHC100/C/U/MP/4K/ALTO	360610	100	M140/M90/O	G, Coated, FadeBlock	20000	7500	5625	4000	92	50.22
0709635	MHC150/U/MP/3K/ALTO	134635	150	M142/M102/O	G, Clear, FadeBlock	16000	12900	9545	3000	85	48.24
0709634	MHC150/C/U/MP/3K/ALTO	134643	150	M142/M102/O	G, Coated, FadeBlock	16000	11900	8805	3000	85	47.67
0725352	MHC150/U/MP/4K/ALTO	377242	150	M142/M102/O	G, Clear, FadeBlock	20000	12000	9000	4000	92	47.93
0725353	MHC150/C/U/MP/4K/ALTO	377267	150	M142/M102/O	G, Coated, FadeBlock	20000	11000	8250	4000	92	50.22

MasterColor Ceramic Metal Halide ED-17, ED-28 Lamps, Medium Base

Enclosed luminaires only; lifetime color stability within $\pm 200K$; pulse start

Part No.	Lamp Abbreviation No.	Vendor No.	Watts	ANSI Spec. No.	Description	Life Avg. Rated Hours	Initial Lumens	Avg. Lumens	Color Temp.	CRI	Price /Each
0725330	MHC50/U/M/3K/ALTO	360206	50	M148/M110/E	G, Clear	10000	4100	2750	3000	85	\$36.96
0725331	MHC50/C/U/M/3K/ALTO	360222	50	M148/M110/E	G, Coated	10000	3800	2545	3000	85	39.13
0725332	MHC50/U/M/4K/ALTO	360230	50	M148/M110/E	G, Clear	20000	3750	2550	4000	92	36.96
0725333	MHC50/C/U/M/4K/ALTO	360248	50	M148/M110/E	G, Coated	20000	3600	2450	4000	92	39.13
0725334	MHC70/U/M/3K/ALTO	208843	70	M143/M98/E	G, Clear	16000	6200	4585	3000	85	36.96
0725335	MHC70/C/U/M/3K/ALTO	208876	70	M143/M98/E	G, Coated	16000	5800	4260	3000	85	39.13
0725336	MHC70/U/M/4K/ALTO	281295	70	M143/M98/E	G, Clear	20000	5900	4130	4000	92	36.96
0725337	MHC70/C/U/M/4K/ALTO	281337	70	M143/M98/E	G, Coated	20000	5500	3850	4000	92	39.13
0725338	MHC100/U/M/3K/ALTO	208884	100	M140/M90/E	G, Clear	16000	9500	7125	3000	85	36.96
0725339	MHC100/C/U/M/3K/ALTO	208892	100	M140/M90/E	G, Coated	16000	8800	6600	3000	85	39.13
0725340	MHC100/U/M/4K/ALTO	281352	100	M140/M90/E	G, Clear	20000	8400	6300	4000	92	32.48
0725341	MHC100/C/U/M/4K/ALTO	281360	100	M140/M90/E	G, Coated	20000	8400	6300	4000	92	39.13
0725342	MHC100/U/ED28/HR/4K	365437	100	M140/M90/E	G, Clear	10000	8500	6800	4100	92	57.07
0725343	MHC150/U/	130229	150	M142/M102/E	G, Clear	16000	14000	10500	3000	85	38.80
0725344	MHC150/C/U/	130237	150	M142/M102/E	G, Coated	16000	12500	9375	3000	85	41.09
0725345	MHC150/U/M/4K/ALTO	377200	150	M142/M102/E	G, Clear	20000	13000	9750	4000	92	36.96
0725346	MHC150/C/U/M/4K/ALTO	377218	150	M142/M102/E	G, Coated	20000	12000	9000	4000	92	38.80

Protected MasterColor Pulse Start Ceramic Metal Halide Lamps

Satisfies the 2005 NEC for use in open luminaires.* Open or Enclosed luminaires; lifetime color stability within $\pm 200K$; V = Vertical Operation $\pm 15^\circ$

Part No.	Lamp Abbreviation No.	Vendor No.	Watts	ANSI Spec. No.	Description	Life Avg. Rated Hours	Initial Lumens	Avg. Lumens	Color Temp.	CRI	Price /Each
ED-28, EX39 Base											
0725362	CDM320V/O/PS/4K/ALTO	132910	320	M170/M132/O	G, Clear, Vertical $\pm 15^\circ$	20000	28800	23000	4200	90	\$97.83
0725361	CDM320C/V/O/PS/4K/ALTO	132563	320	M170/M132/O	G, Coated, Vertical $\pm 15^\circ$	20000	28000	22400	4200	90	97.83
0725367	CDM400V/O/PS/4K/ED28/ALTO	145986	400	M172/M155/O	G, Clear, Vertical $\pm 15^\circ$	20000	31500	25200	4200	90	91.30
ED-37, EX39 Base											
0725363	CDM350V/O/PS/4K/ALTO	132571	350	M171/M131/O	G, Clear, Vertical $\pm 15^\circ$	20000	30600	24500	4200	90	97.83
0725364	CDM350C/V/O/PS/4K/ALTO	132928	350	M171/M131/O	G, Coated, Vertical $\pm 15^\circ$	20000	36000	28800	4200	90	97.83
0725365	CDM400V/O/PS/4K/ALTO	132902	400	M172/M155/O	G, Clear, Vertical $\pm 15^\circ$	20000	36000	28800	4200	90	91.30
0725366	CDM400C/V/O/PS/4K/ALTO	132936	400	M172/M155/O	G, Coated, Vertical $\pm 15^\circ$	20000	35000	27900	4200	90	93.48