



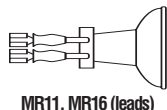
## POWERBALL® CERAMIC METALARC® PAR High CRI, Pulse Start, UV Stop – Open or Enclosed Fixtures

Watts	Bulb	Base	Product Number	Ordering Abbreviation	ANSI Code	Pkg Qty	Beam Type	Beam Angle	Operating Position	Fix Req	Avg Rated Life (hrs)	MBCP	Approx Lumens (initial)	CRI	CCT (K)	Symbols & Footnotes
39	PAR30LN	E26 Med	64885	MCP39PAR30LN/U/830/VWFL/ECOPB	M130/O	6	VWFL	46°	Universal	0	12000	3500	2300	85	3000	1,4,7,17,24,25,30,48
70	PAR30LN	E26 Med	64201	MCP70PAR30LN/U/930/SP/ECOPB	M139/O, M98/O	6	SP	12°	Universal	0	12000	42000	3600	95	3000	1,4,7,17,25,26,30,48
			64202	MCP70PAR30LN/U/930/FL/ECOPB	M139/O, M98/O	6	FL	30°	Universal	0	12000	12000	3600	95	3000	1,4,7,17,25,26,30,48
	PAR38	E26 Med Skt	64749	MCP70PAR38/U/830/SP/ECOPB	M139/O, M98/O	6	SP	15°	Universal	0	12000	40000	4300	88	3000	1,4,7,17,26,30,38,48
			64750	MCP70PAR38/U/830/FL/ECOPB	M139/O, M98/O	6	FL	25°	Universal	0	12000	16000	4300	88	3000	1,4,7,17,26,30,38,48
			64751	MCP70PAR38/U/VWFL/830/ECOPB	M139/O, M98/O	6	VWFL	65°	Universal	0	12000	3500	4300	88	3000	1,4,7,17,26,30,38,48
100	PAR38	E26 Med Skt	64752	MCP100PAR38/U/830/SP/ECOPB	M90/O, M140/O	6	SP	15°	Universal	0	12000	58000	6500	88	3000	1,4,7,17,27,30,38,48
			64753	MCP100PAR38/U/830/FL/ECOPB	M90/O, M140/O	6	FL	25°	Universal	0	12000	25000	6500	88	3000	1,4,7,17,27,30,38,48
			64754	MCP100PAR38/U/830/VWFL/ECOPB	M90/O, M140/O	6	VWFL	60°	Universal	0	12000	6000	6500	88	3000	1,4,7,17,27,30,38,48
150	PAR38	E26 Med Skt	64841	MCP150/PAR38/U/830/SP/ECOPB	M102/O, M142/O	6	SP	15°	Universal	0	12000	50000	9100	88	3000	1,4,7,17,31,38,48
			64842	MCP150/PAR38/U/830/FL/ECOPB	M102/O, M142/O	6	FL	25°	Universal	0	12000	28000	9100	88	3000	1,4,7,17,31,38,48
			64843	MCP150/PAR38/U/830/VWFL/ECOPB	M102/O, M142/O	6	VWFL	65°	Universal	0	12000	6500	9100	88	3000	1,4,7,17,31,38,48

## POWERBALL® CERAMIC METALARC® E17 & HIGH WATTAGE High CRI, Pulse Start – Open or Enclosed Fixtures

Watts	Bulb	Base	Product Number	Ordering Abbreviation	ANSI Code	Pkg Qty	Lamp Finish	Operating Position	Fix Req	Avg Rated Life (hrs)	Approx Lumens (initial)	(mean)	CRI	CCT (K)	Symbols & Footnotes
50	E17	E26 Med	64840	MCP50/U/MED/830PB	M110/O, M148/O	12	Clear	Universal	0	12000	4100	2850	88	3000	1,4,17,30,48
			64849	MCP50/C/U/MED/830PB	M110/O, M148/O	12	Coated	Universal	0	12000	3800	2640	88	2900	1,4,17,30,48
70	E17	E26 Med	64739	MCP70/U/MED/830PB	M139/O, M98/O	12	Clear	Universal	0	16000	5900	4365	88	3000	1,4,17,26,30,48
			64740	MCP70/C/U/MED/830PB	M139/O, M98/O	12	Coated	Universal	0	16000	5500	3900	88	3000	1,4,17,26,30,48
			64193	MCP70/U/MED/940PB	M139/O, M98/O	12	Clear	Universal	0	12000	6000	4800	93	4000	1,4,17,26,30,48
			64194	MCP70/C/U/MED/940PB	M139/O, M98/O	12	Coated	Universal	0	12000	5600	4480	93	3800	1,4,17,26,30,48
100	E17	E26 Med	64743	MCP100/U/MED/830PB	M90/O, M140/O	12	Clear	Universal	0	16000	9000	6660	88	3000	1,4,17,27,30,48
			64744	MCP100/C/U/MED/830PB	M90/O, M140/O	12	Coated	Universal	0	16000	8100	5994	88	3000	1,4,17,27,30,48
			64322	MCP100/U/MED/940PB	M90/O, M140/O	12	Clear	Universal	0	20000	8200	6150	93	4000	1,4,17,27,30,48
			64315	MCP100/C/U/MED/940PB	M90/O, M140/O	12	Clear	Universal	0	20000	7500	5625	90	4000	1,4,17,27,48

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PAR46,64

MR11, MR16 (leads)

## AIRCRAFT

Watts	Bulb	Volts	Base	Product Number	Ordering Abbreviation	Application	Beam Type	CBCP	Filament	Avg Rated Life(hrs)	MOL (mm)	Pkg Qty	Footnotes
250	PAR46	28	G53	15399	<b>4551</b>	Aircraft Taxiing	VNSP	75000	CC-6	25	95.25	12	32
450	PAR46	28	G53	56229	<b>Q4681</b>	Aircraft Landing / Taxiway	VNSP	310000	CC-6	50	63.5	12	27,32
600	PAR64	28	G53	14936	<b>4559</b>	Aircraft Landing / Taxiway	VNSP	600000	CC-8	25	101.6	6	32
				56222	<b>Q4559</b>	Aircraft Landing / Taxiway	VNSP	600000	CC-8	100	101.6	6	27,32
				56223	<b>Q4559X</b>	Aircraft Landing / Taxiway	VNSP	765000	CC-8	100	101.6	6	27,32
1000	PAR64	28	G53	14988	<b>4557</b>	Aircraft Landing/Taxiway	VNSP	540000	CC-8	25	101.6	6	32
				14994	<b>5557</b>	Aircraft Landing/Taxiway	VNSP	540000	CC-8	50	101.6	6	32,67

## AIRFIELD

Watts	Bulb	Base	Product Number	Ordering Abbreviation	Application	Current (A)	Lumens	Filament	Avg Rated Life(hrs)	LCL (mm)	MOL (mm)	Pkg Qty	Footnotes
30	MR16	Leads-A	58964	<b>6.6A/30MR16/64331A/FL</b>	Airfield / Airport	6.6			1000		45.6	20	205
			58506	<b>6.6A/30MR16/64331A/SP</b>	Airfield/Airport	6.6			1000		45.6	20	205
	Leads-A/C	58730	<b>6.6A/30MR16/64331AC/FL</b>	Airfield / Airport	6.6			1000		45.6	10	138	
		58938	<b>6.6A/30MR16/64331AC/FL</b>	Airfield / Airport	6.6			1000		45.6	20	138	
	T3.5	GZ9.5	58850	<b>6.6A/30T3.5/64322/EXL/DL</b>	Airfield/Airport	6.6	400	C-8	2000	25.4	44.5	12	
			58893	<b>6.6A/30T3.5/EXL</b>	Airfield/Airport	6.6	600	C-8	1000	25.4	44.5	12	
T10	Med Prefocus	17980	<b>6.6A/30T10/1P</b>	Airfield/Airport	6.6	400	C-2V	1000	38.1	100	60		
40	MR11	Leads-A	58899	<b>6.6A/40MR11/64333A</b>	Airfield / Airport	6.6			1500		37	20	205
			58787	<b>6.6A/40MR11/64333B</b>	Airfield / Airport	6.6			1500		37	10	208
		58889	<b>6.6A/40MR11/64333B</b>	Airfield / Airport	6.6			1500		37	20	208	
45	MR16	Leads-A	58545	<b>6.6A/45MR16/64337A 45-15</b>	Airfield / Airport	6.6			1500		45.6	10	205
			58907	<b>6.6A/45MR16/64337A 45-15</b>	Airfield / Airport	6.6			1500		45.6	20	205
		Leads-B	58758	<b>6.6A/45MR16/64337B 45-15</b>	Airfield / Airport	6.6			1500		45.6	10	208
			58908	<b>6.6A/45MR16/64337B 45-15</b>	Airfield / Airport	6.6			1500		45.6	20	208
		T3	R7s	58704	<b>6.6A/45T3/CL/64315</b>	Airfield/Airport	6.6	750	C-8	1000	23	47.5	25
	T3.5	G6.35	59928	<b>6.6A/45T3.5Q/64321</b>	Airfield / Airport	6.6	840	C-8	1200	33	45	40	58,60
			58813	<b>6.6A/45T3.5Q/64321</b>	Airfield / Airport	6.6	840	C-8	1200	33	45	100	58,60
		GZ9.5	58846	<b>6.6A/45T3.5/64320/EXM</b>	Airfield/Airport	6.6	875	C-8	1000	25.4	44.5	12	58,60
	58892		<b>6.6A/45T3.5/EXM</b>	Airfield/Airport	6.6	875	C-8	1000	25.4	44.5	12	58,60	
	T4	PK30d-A	58697	<b>6.6A/45T4/64319 FEMALE</b>	Airfield/Airport	6.6	800	C-8	1000	20	53	100	58,120,205,271
58877			<b>6.6A/45T4CL/64318</b>	Airfield/Airport	6.6	800	C-8	1000	16	58	100	58,205,271	
PK30d-C		58705	<b>6.6A/45T4/CL/64317</b>	Airfield/Airport	6.6	800	C-8	1000	16	58	100	58,209	
		58722	<b>6.6A/45T4/64319Z</b>	Airfield/Airport	6.6	800	C-8	1000	20	53	100	58,121,209,268	
T10	Med Prefocus	17981	<b>6.6A/45T10/P</b>	Airfield/Airport	6.6	675	C-2V	1000	38.1	100	60		
48	MR16	Leads-A	58891	<b>6.6A/48MR16/64337A 48-15</b>	Airfield/Airport	6.6			1500		45.6	20	205,271
			58905	<b>6.6A/48MR16/64337A LL IRC</b>	Airfield/Airport	6.6			3000		45.6	20	205,271
	Leads-A/C	58894	<b>6.6A/48W/MR16/64338AC</b>	Airfield / Airport	6.6			1000		45.6	20	58	

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