







# METALARC® PULSE START Medium Base

	50 Watt		70 Watt			
						
	Clear	Coated	Clear	Coated	Clear	Coated
<b>Item No.</b>	64587	64588	64547	64546	64625	64621
<b>Ordering Abbreviation</b>	MP50/U/MED	MP50/C/U/MED	MP70/U/MED	MP70/C/U/MED	MPD70/U/MED/840	MPD70/C/U/MED/840
<b>ANSI Spec No.</b>	M110/O	M110/O	M98/O	M98/O	M98/O	M98/O
<b>Physical Characteristics</b>						
Operating Position	Universal					
Bulb Designation	E17					
Nominal Bulb Diameter mm (")	54 (2.125)					
Base Type	E26 Medium					
Nom. Light Center Length mm (")	86 (3.39)					
Max. Overall Length mm (")	138 (5.43)					
Nominal Arc Length mm (")	8 (0.31)	N/A	9.5 (0.37)	N/A	7.5 (0.3)	N/A
Max. Bulb Temperature °C (°F)	400 (752)					
Max. Base Temperature °C (°F)	210 (410)					
<b>Electrical Characteristics</b>						
Nominal Lamp Watts	50		70			
Nominal Lamp Volts (RMS)	85					
Nominal Lamp Current (RMS)	0.68		0.9			
Minimum Start Volt-LAG	235 RMS, 332 Peak					
Maximum Current Crest Factor	1.8					
<b>Photometric Characteristics</b>						
Average Rated Life (Hours)	20000V, 10000H		15000V, 10000H		7500V, 6000H	
Initial Lumens	3450	3200	5200	4700	5500	5100
Mean Lumens	1900	1750	3400	3100	4000	3800
Correlated Color Temperature °K	3000	2900	3000	2900	4200	4000
Color Rendering Index (CRI)	70		75		80	82
Warm Up Time (minutes)	2-4					
Hot Restrike Time (minutes)	5-7					
Nominal CIE X	0.426	0.432	0.426	0.432	0.371	0.374
Chromaticity Coordinates Y	0.382	0.383	0.382	0.383	0.378	0.379