







METALARC® PULSE START Medium Base PARs

	70 Watt			100 Watt		
						
	SP	FL	VWFL	SP	FL	VWFL
Item No.	64590	64592	64594	64580	64582	64584
Ordering Abbreviation	MP70PAR38/ U/SP20/ECO	MP70PAR38/ U/FL35/ECO	MP70PAR38/ U/VWFL65/ECO	MP100PAR38/ U/SP20/ECO	MP100PAR38/ U/FL35/ECO	MP100PAR38/ U/VWFL65/ECO
ANSI Spec No.	M98/O	M98/O	M98/O	M90/O	M90/O	M90/O
Physical Characteristics						
Operating Position	Universal					
Bulb Designation	PAR38					
Nominal Bulb Diameter mm (")	121 (4.75)					
Base Type	E26 Medium Skirt ¹					
Max. Overall Length mm (")	135 (5.32)					
Max. Bulb Temperature °C (°F)	350 (662)					
Max. Base Temperature °C (°F)	190 (374)					
Electrical Characteristics						
Nominal Lamp Watts	70			100		
Nominal Lamp Volts (RMS)	85			100		
Nominal Lamp Amps (RMS)	0.9			1.1		
Minimum Start Volt - LAG	235 RMS, 332 Peak					
Minimum Start Volt - Lead Peak	N/A					
Maximum Current Crest Factor	1.8					
Photometric Characteristics						
Average Rated Life (Hours)	8500					
Initial Lumens	3400			5800		
Initial Center Beam Candle Power	18000	10000	3000	26000	12000	4500
Beam Angle (Degree)	20	35	65	20	35	65
Correlated Color Temperature °K	3200			3000		
Color Rendering Index (CRI)	75					
Warm Up Time (minutes)	2-4					
Hot Restrike Time (minutes)	5-7					
Nominal CIE X	0.42					
Chromaticity Coordinates Y	0.39					

(1) Lamps with medium skirt base are not compatible with exclusionary medium sockets.