

**Product** 64837**Number:****Order** MS200/PS/BU-ONLY/ET23.5**Abbreviation:**

**General** 200W METALARC PULSE START compact quartz metal halide lamp,  
**Description:** high output, position dedicated, reduced outer jacket, reduced color shift,  
 E39 base, ET23.5 bulb, enclosed fixture rated, base up only, clear, 4200K

### Product Information

Abbrev. With Packaging Info.	MS200PSBUONLYET235 12/CS 1/SKU
ANSI Code	M136/E
ANSI Code 2	M136/E
Approx. Lumens (initial - vertical)	19000
Approx. Lumens (mean - vertical)	13300
Arc Length (in)	1.10
Arc Length (mm)	28
Average Rated Life - Vertical (hr)	15000
Base	E39 Mogul
Bulb	ET23.5
Centerbeam Candlepower (cp)	0
Color Rendering Index (CRI)	65
Color Temperature/CCT (K)	4200
Diameter (in)	2.953
Diameter (mm)	75.00
Family Brand Name	Metalarc® Pulse Start
Fixture Requirement	E
Hot Restrike Time (min)	4-7
Lamp Finish	Clear
Light Center Length - LCL (in)	4.49
Light Center Length - LCL (mm)	114
Maximum Base Temperature - Fahrenheit	482
Maximum Base Temperature - Celsius	250
Maximum Bulb Temperature - Fahrenheit	752
Maximum Bulb Temperature - Celsius	400
Maximum Overall Length - MOL (in)	6.97
Maximum Overall Length - MOL (mm)	177
Nominal Wattage (W)	200.00
Operating Position	Base up within 15 degrees only
Warm-up Time (min)	2-4

**Footnotes**

- Use with 4000V pulse rated sockets only.
- E = Lamps classified as E-type are to be used ONLY in suitably enclosed luminaries. See lamp warning.
- When operated on ballasts having a sustaining voltage less than 270V, lamp life may be significantly reduced.\*