



**Product** 64507

**Number:**

**Order** MS320/PS/BU-HOR

**Abbreviation:**

**General** 320W METALARC PULSE START quartz metal halide lamp, high output, position  
**Description:** dedicated, reduced color shift, E39 base, BT28 bulb, enclosed fixture rated, base up through horizontal, clear, 4300K

### Product Information

Abbrev. With Packaging Info.	MS320PSBUHOR 6/CS 1/SKU
ANSI Code	M 154/E:M 132/E
Approx. Lumens (initial - horizontal)	28000
Approx. Lumens (initial - vertical)	30000
Approx. Lumens (mean - horizontal)	19700
Approx. Lumens (mean - vertical)	21000
Arc Length (in)	1.38
Arc Length (mm)	35
Average Rated Life - Horizontal (hr)	15000
Average Rated Life - (hr)	15000
Average Rated Life - Vertical (hr)	20000
Base	E39 Mogul
Bulb	BT28
Color Rendering Index (CRI)	65
Color Temperature/CCT (K)	4300
Diameter (in)	3.504
Diameter (mm)	89.00
Family Brand Name	Metalarc® Pulse Start
Fixture Requirement	E
Hot Restrike Time (min)	5-7
Lamp Finish	Clear
Light Center Length - LCL (in)	5
Light Center Length - LCL (mm)	127
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)	8.31
Maximum Overall Length - MOL (mm)	211
Nominal Voltage (V)	135.00
Nominal Wattage (W)	320.00

Operating Position

Base up through horizontal

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.\*
- Lamps may be operated on ANSI M132 (320W) Compliant ballasts.