



Product Number: 64049

Order Abbreviation: MS320/PS/BU-HOR/ED28

General Description: 320W METALARC PULSE START quartz metal halide lamp, high output, position dedicated, reduced color shift, E39 base, ED28 bulb, enclosed fixture rated, base up through horizontal, clear, 4300K

Product Information

Abbrev. With Packaging Info.	MS320PSBUHORED28 6/CS 1/SKU
ANSI Code	M154/E:M132/E
ANSI Code 2	M154/E
Approx. Lumens (initial - horizontal)	28000
Approx. Lumens (initial - vertical)	30
Approx. Lumens (mean - horizontal)	20
Approx. Lumens (mean - vertical)	21
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	ED28
Color Rendering Index (CRI)	65
Color Temperature/CCT (K)	4000
Diameter (in)	3.504
Diameter (mm)	89
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 within 15deg only
Warm-up Time (min)	2 - 4