

Product Specification Bulletin

Sunpulse Lamps

320W Metal Halide Lamp

320W – 4/6 and 3/10

E39 Clear

Lamp Current (A): 1.78A

Ignitor Voltage: 3-4.5KV

Luminaire Rating: Open

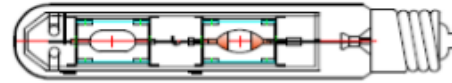
Burning Position: HOR \pm 15°



Lamp Description: MPC320W/H15/T15/E39/Mix light.

3/10 (CMH3K + 10K Max: 248 mm) Product No.1301003

4/6 (CMH4K + MH6K Max: 248mm) Product No.1301004



Lamp Type: Metal Halide Lamp (Mix Light)

Control Gear: E-Ballast

Performance Data:	3/10	4/6
Light Output (Lumens @ 100 hours)	23400	23400
Lamp Lumens Per Watt	78	78
Rated Life (Hrs. @ 10 hr./start)	12000°	12000°
Correlated Color Temperature (K)	N/A	N/A
Color Rendering Index (CRI) or (Ra)	80	90
Typical Hot Restart Time (Minutes)	8-12	8-12
Burning Position	HOR \pm 15	HOR \pm 15°

Physical Data/Requirements:	3/10	4/6
Base Designation	E39	E39
Bulb Designation	T15	T15
Bulb Diameter (mm)	46	46
Max. Overall Length (mm)	248	248
Light Centre Length (mm)	120/185	120/185
Max. Base Temperature (°C)	210	210
Max. Bulb Temperature (°C)	400	400
Luminaire Type	Open	Open

Lamp Electrical Data/Requirements:	3/10	4/6
-- Standard --	--	--
Lamp Wattage (W)	320W	320W
Lamp Operating Voltage (V)	180V	180V
Lamp Operating Current (Amps)	1.78A	1.78A
Min. Open Circuit Voltage (RMS)	-	-
Min. – Max. Starting Pulse (Peak KV)	3-4.5	3-4.5
Min. Pulse Width at 2700V (microseconds)	-	-
Min. Pulse Rate Per ½ cycle	-	-
Pulse Position (Electrical Degrees)	-	-

Figure 1: 320W 3K/10K

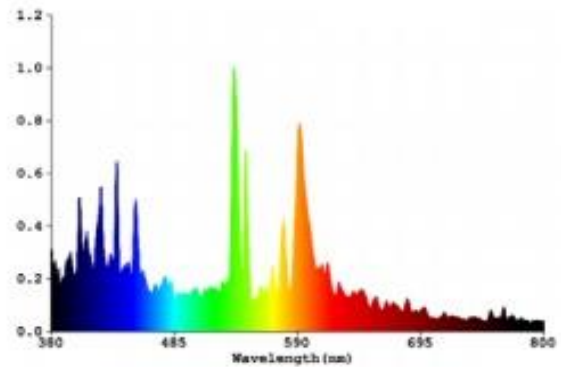
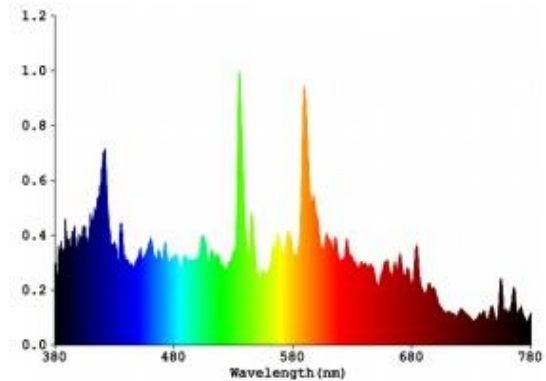


Figure 2: 320W 4K/6K



Notes: The specification contains data about typical performance on 50/60Hz sine wave ballast at nominal power. Actual values may depend on ballast and applications. (Nominal color temperature is based on horizontal operation of the lamp. Off-horizontal positions will result in warmer color temperature.)