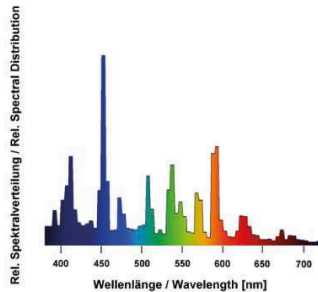


# NACHROMA® Vegetative

## METAL HALIDE LAMPS



- SEEDS SPROUT ✓
- GROWING ✓
- FLOWERING BLOOM ✓
- FRUIT FORMS ✓
- MORE NUTRIENTS ✓

### Nachroma 1000W MH

2130089	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	<b>1000</b>	<b>1250 micromol/s</b>	<b>7,000k</b>	<b>12 000 hours</b>	<b>Any</b>	<b>T25</b>	<b>284</b>	<b>76</b>
	Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast
	<b>E39</b>	<b>230V-280V</b>	<b>4.2a</b>	<b>5.6a</b>	<b>4KV - 5KV</b>	<b>3 minutes</b>	<b>10 minutes</b>	<b>HPS S52</b>

### Nachroma 600W MH

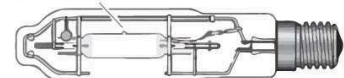
2130082	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	<b>600</b>	<b>695 micromol/s</b>	<b>7,000k</b>	<b>12 000 hours</b>	<b>Any</b>	<b>T25</b>	<b>284</b>	<b>76</b>
	Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast
	<b>E39</b>	<b>90V-120V</b>	<b>6.2a</b>	<b>8.0a</b>	<b>4KV - 5KV</b>	<b>3 minutes</b>	<b>10 minutes</b>	<b>HPS S106</b>

### Nachroma 400W MH

2130080	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	<b>400</b>	<b>480 micromol/s</b>	<b>7,000k</b>	<b>12 000 hours</b>	<b>Any</b>	<b>T15</b>	<b>248</b>	<b>46</b>
	Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast
	<b>E39</b>	<b>80V-110V</b>	<b>4.6a</b>	<b>6.0a</b>	<b>4KV - 5KV</b>	<b>3 minutes</b>	<b>10 minutes</b>	<b>HPS S51</b>

When operating the Metal Halide Dual Core Bulbs in horizontal position, please install the lamp with the „tip-off“ of the Metal Halide burner pointing UP. This lamp positioning will allow better circulation of the gas mixture inside the burner, optimizing the lamp operation, ensuring best spectrum and maxium output. It will also improve ignition characteristics and extend lamp's life.

THIS SIDE UP



## ABOUT NARVA

- ▶ **NARVA** is a name you should know and trust for your *horticultural lighting needs*
- ▶ a **global leader** in horticultural lighting technology
- ▶ **manufactured in Germany** to strict ISO 9001 standards
- ▶ over **60 years** of experience
- ▶ HPS lamps have **20% higher light output** than standard HPS lamps with up to 145 lm/W
- ▶ HPS has **more stable output** throughout entire life time compared to standard HPS lamps
- ▶ metal halide lamps that **plug and play** with HPS ballasts
- ▶ technical leadership turned into **innovative product solutions**

