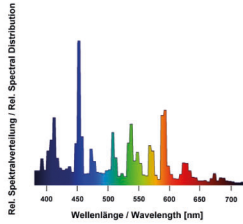


# NACHROMA® Vegetative

## 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)
	1000	1250 micromol/s	7,000k	12 000 hours	Any	T25	284	76
Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast	
	E39	230V-280V	4.2a	5.6a	4KV - 5KV	3 minutes	10 minutes	HPS S52

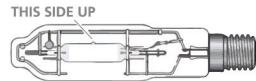
### Nachroma 600W MH

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

### Nachroma 400W MH

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

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 maximum output. It will also improve ignition characteristics and extend lamp's life.



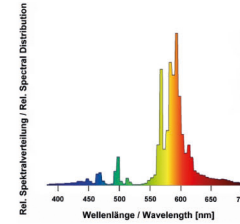
## ABOUT NARVA

- ▶ 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



# NATRALOX® Flower

## HIGH PRESSURE SODIUM LAMPS



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

### Natralox 1000W DE HPS

2010122	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	1000	1950 micromol/s	2,100k	10 000 hours	Horizontal	T10	325	30
Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast	
	L/W	230V	4.8a	7.0a	2440V	7 minutes	2 minutes	HPS S52 Electronic

### Natralox 1000W HPS

2130014	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	1000	1810 micromol/s	2,100k	24 000 hours	Any	T23	390	65
Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast	
	E39	200V-280V	4.7a	7.0a	4KV - 5KV	7 minutes	2 minutes	HPS S52

### Natralox 600W HPS

2130083	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	600	1150 micromol/s	2,100k	19 000 hours	Any	T15	265	46
Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast	
	E39	95V-125V	6.2a	8.1a	4KV - 5KV	5 minutes	2 minutes	HPS S106

### Natralox 400W HPS

2131920	Wattage	Initial PAR	Color Temp	Life	Burn Position	Bulb Type	MOL (mm)	DIA (mwn)
	400	720 micromol/s	2,100k	24 000 hours	Any	T15	271	46
Base	Lamp Voltage	Operating Current	MAX Starting Current	Ignition Voltage	Warm-up Time	Reignition Time	Ballast	
	E39	90V-120V	4.45a	6.0a	4KV - 5KV	4 minutes	2 minutes	HPS S51



sample application