



MASTER Agro 400W / 230V

Lamp

MASTER Agro lamps are High Pressure Sodium Lamps with a ceramic discharge tube, enclosed in a clear tubular outer bulb with an increased output of blue light designed for horticultural purposes.

Features / Benefits

- Agro results in extra blue in the spectral energy distribution.
- Ceramic discharge tube with PIA technology for long and reliable lifetime.
- ZrAl getter ensures excellent GrowthLight maintenance over life and fewer premature failures.
- Simple and robust construction enhancing reliability and longer life.
- Lead free solder.
- Especially at lower lighting levels the spectrum of the MASTER Agro lamp will result in a more compact plant development for certain plants and can optimise plant development and quality with good leaf bloom color and extra branching.

Comparison of MASTER Agro with MASTER GreenPower

- MASTER Agro lamps are designed for applications with low light levels. The extra blue in the spectral energy distribution results in more compact and sturdy plants.
- MASTER GreenPower lamps are designed for optimal GrowthLight output over lifetime based on an optimal spectral energy distribution for the light sensitivity curve of plants.

Application

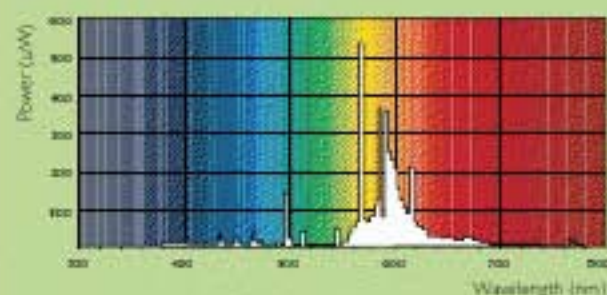
- Horticultural lighting, intended for the stimulation of CO₂ uptake for improved photosynthesis and plant growth.

Gear

- The lamp requires a ballast and ignitor in accordance with the IEC HPS Plus standard.
- We recommend the Philips BSN 400 (see page 22).



MASTER Agro 400W EM 230V



Product information

	GrowthLight PPF [*] (initial)	Lifetime	Maintenance (nominal)
MASTER Agro 400W	660 µmol/sec	10.000 hrs	> 85% at 10.000 hrs

* PPF information: see page 3