

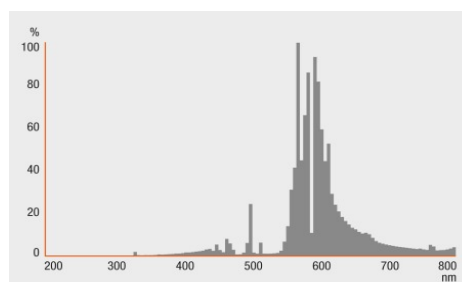
PLANTASTAR 400 W E40

PLANTASTAR-T | High-pressure sodium vapor lamps for enclosed luminaires



Areas of application

- Greenhouses
- Suitable for growth of fruit due to emission of photosynthesis optimised light
- Outdoor applications only in suitable luminaires



| | |
|------------------|-----------------------------|
| Nominal wattage | 400 W |
| Rated wattage | 400.00 W |
| Lamp current | 4.52000 A |
| Nominal voltage | 100 V |
| Ignition voltage | 4.0 / 5.0 kVp ¹⁾ |

1) Minimum / Maximum

Photometrical data

| | |
|---------------------------|-------------------------|
| Photon flux | 725 $\mu\text{mol/s}$ |
| Photon flux efficacy | 1.7 $\mu\text{mol/s/W}$ |
| Color temperature | 2000 K |
| Diameter | 47.0 mm |
| Length | 285.0 mm |
| Light center length (LCL) | 175.0 mm |
| Product weight | 174.00 g |

Temperatures

| | |
|--|--------|
| Maximum permitted outer bulb temperature | 400 °C |
| Maximum permitted base edge temperature | 250 °C |

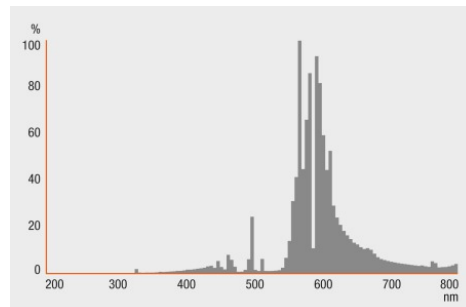
Lifespan

| | |
|--------------|---------|
| Lifespan B50 | 32000 h |
| Lifespan B10 | 24000 h |
| Lifespan B5 | 20000 h |



Areas of application

- Greenhouses
- Suitable for growth of fruit due to emission of photosynthesis optimised light
- Outdoor applications only in suitable luminaires



| | |
|------------------|-----------------------------|
| Nominal wattage | 600 W |
| Rated wattage | 600.00 W |
| Lamp current | 6.06000 A |
| Nominal voltage | 230 V |
| Ignition voltage | 4.0 / 5.0 kVp ¹⁾ |

1) Minimum / Maximum

Photometrical data

| | |
|---------------------------|---------------|
| Photon flux | 1100 µmol/s |
| Photon flux efficacy | 1.73 µmol/s/W |
| Color temperature | 2000 K |
| Diameter | 47.0 mm |
| Length | 285.0 mm |
| Light center length (LCL) | 175.0 mm |
| Product weight | 187.00 g |

Temperatures

| | |
|--|--------|
| Maximum permitted outer bulb temperature | 450 °C |
| Maximum permitted base edge temperature | 250 °C |

Lifespan

| | |
|--------------|---------|
| Lifespan B50 | 32000 h |
| Lifespan B10 | 24000 h |
| Lifespan B5 | 20000 h |