



# HORTI

## HPS AGRO Plus 1000W DE EL 5X6CT

High Pressure Sodium lamp with clear outer bulb, optimized growthlight output and maintenance

### Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

| General Information                |                                  |
|------------------------------------|----------------------------------|
| Cap-Base                           | K12X30S [ K12x30s]               |
| Operating Position                 | P [ Parallel or Horizontal(HOR)] |
| Life To 10% Failures (Nom)         | 10000 h                          |
| System Description                 | Electronic                       |
| Light Technical                    |                                  |
| Color Code                         | 220 [ CCT of 2000K]              |
| Luminous Flux (Rated) (Nom)        | 155000 lm                        |
| Photosynthetic Photon Flux (PPF)   | 2120 $\mu\text{mol/s}$           |
| PPF Maintenance 4000 h             | 98 %                             |
| PPF Maintenance 8000 h             | 96 %                             |
| PPF Maintenance 10000 h            | 95 %                             |
| Chromaticity Coordinate X (Nom)    | 0.537                            |
| Chromaticity Coordinate Y (Nom)    | 0.426                            |
| Correlated Color Temperature (Nom) | 2000 K                           |
| Luminous Efficacy (rated) (Nom)    | 155 lm/W                         |
| Color Rendering Index (Nom)        | 30                               |

| Operating and Electrical      |              |
|-------------------------------|--------------|
| Lamp supply voltage           | 400 V [ 400] |
| Power (Nom)                   | 1000.0 W     |
| Ignition Supply Voltage (Nom) | 398 V        |
| Re-Ignition Time (Min) (Max)  | 5 min        |
| Ignition Time (Max)           | 300 s        |
| Voltage (Max)                 | 250 V        |
| Voltage (Min)                 | 210 V        |
| Voltage (Nom)                 | 230 V        |

| Controls and Dimming  |        |
|-----------------------|--------|
| Dimmable              | Yes    |
| Run-Up Time 90% (Max) | 10 min |

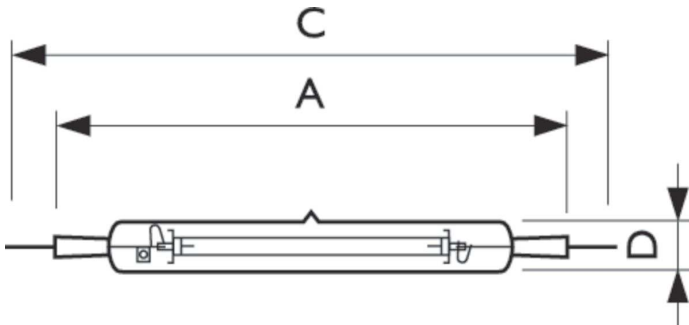
| Mechanical and Housing |               |
|------------------------|---------------|
| Bulb Finish            | Clear         |
| Bulb Shape             | T40 [ T 40mm] |

| Approval and Application   |          |
|----------------------------|----------|
| Mercury (Hg) Content (Nom) | 35.29 mg |

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Energy Consumption kWh/1000 h        | 1020 kWh                        |
| <b>Luminaire Design Requirements</b> |                                 |
| Bulb Temperature (Max)               | 700 °C                          |
| <b>Product Data</b>                  |                                 |
| Order product name                   | HPS AGRO Plus 1000W DE EL 5X6CT |
| EAN/UPC - Product                    | 046677473914                    |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 928198405116 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 30           |
| Material Nr. (12NC)             | 928198405116 |
| Net Weight (Piece)              | 112.000 g    |

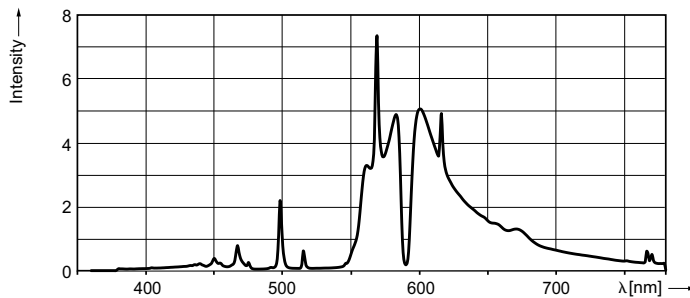
## Dimensional drawing



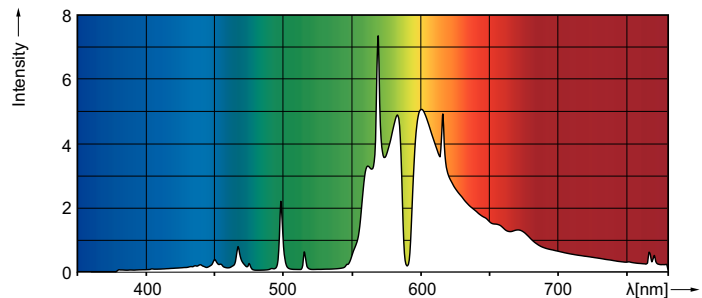
SON Agro 1000W DE EL K12x30S

| Product                         | D (max) | O      | C (max) | A      |
|---------------------------------|---------|--------|---------|--------|
| HPS AGRO Plus 1000W DE EL 5X6CT | 33.5 mm | 147 mm | 394 mm  | 325 mm |

## Photometric data

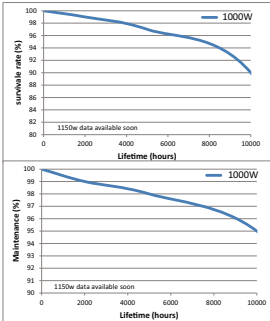


LDPB\_SONHORT\_0001-Spectral power distribution B/W



LDPO\_SONHORT\_0001-Spectral power distribution Colour

## Lifetime



SONTHORT\_AGRO\_1000W\_LED\_0002

