



# HORTI

## HPS AGRO Plus 1000W DE EL 1CT/12

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

### Product data

General Information	
Base	K12X30S [ K12x30s]
Operating Position	Horizontal [ Horizontal]
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 µmol/s
PPF Maintenance 4000 h	98 %
PPF Maintenance 8000 h	96 %
PPF Maintenance 10000 h	95 %
Chromaticity Coordinate X (Nom)	537
Chromaticity Coordinate Y (Nom)	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 (Rated) (Nom)	1000 W
Ignition Supply Voltage (Nom)	398 V
Re-Ignition Time (Min) (Max)	5 min
Ignition Time (Max)	300 s

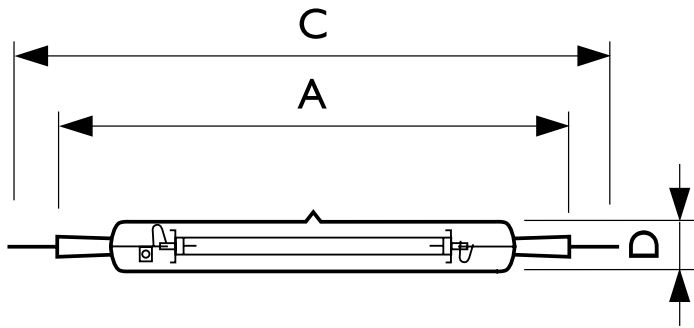
Voltage (Max)	250 V
Voltage (Min)	210 V
Voltage (Nom)	230 V
Controls and Dimming	
Dimmable	Yes
Run-Up Time 90% (Max)	10 min
Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	35.29 mg
Energy Consumption kWh/1000 h	1020 kWh
Luminaire Design Requirements	
Bulb Temperature (Max)	700 °C
Product Data	
Order product name	HPS AGRO Plus 1000W DE EL 1CT/12
EAN/UPC - Product	046677472061
Order code	533109
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12

Material Nr. (12NC)	928198405127
Net Weight (Piece)	112.000 g

**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.
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

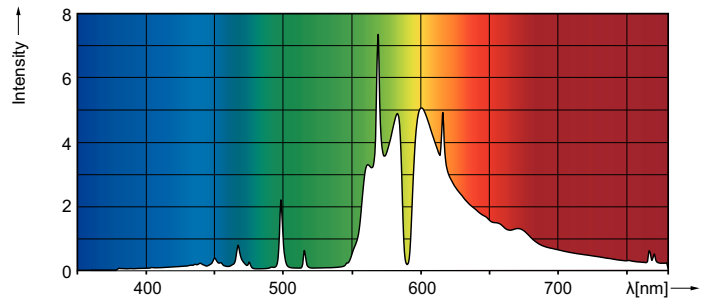
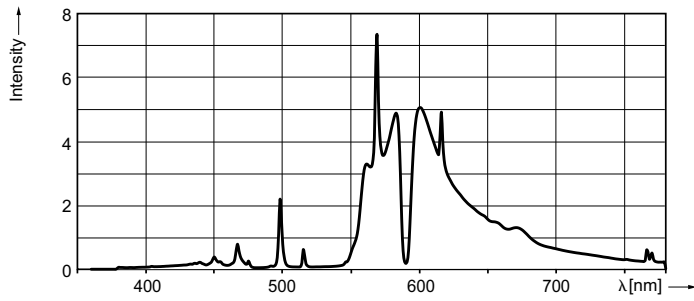
**Dimensional drawing**



Product	D (max)	Ø	C (max)	A
HPS AGRO Plus 1000W DE EL 1CT/12	33.5 mm	147 mm	394 mm	325 mm

SON Agro 1000W DE EL K12x30S

**Photometric data**



Lifetime

