



# HORTI

## MASTER Agro 400W E40 1SL

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

### Product data

#### • General Characteristics

System Description	External Ignitor
Cap-Base	E40
Cap-Base Information	-
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	5000 hr
Life to 20% failures	9500 hr
Life to 50% failures	18000 hr

#### • Light Technical Characteristics

Color Code	220 [CCT of 2000K]
Color Rendering Index	25 (max) Ra8
Color Temperature	2100 K
Color Temperature Technical	2100 K
Luminous Flux EM 25°C, Rated	55000 Lm
Lum Efficacy Rated EM 25°C	128.2 Lm/W
Photosynthetic Photon Flux PPF	665 umol/s
PPF maintenance 2000h	100 %
PPF maintenance 5000h	96 %
PPF maintenance 10000h	89 %
PPF maintenance 15000h	83 %
Chromaticity Coordinate X	520 -
Chromaticity Coordinate Y	415 -

#### • Electrical Characteristics

Lamp Wattage	400 W
Lamp Wattage EM 25°C, Nominal	400.0 W
Lamp Wattage EM 25°C, Rated	429.0 W
Voltage	230 V
Lamp Voltage	128 V
Lamp Current EM	4.13 A
Ignition Time	10 (max) s
Run-up time 90%	5 (max) min
Re-ignition Time [min]	2 (max) min
Dimmable	No

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	22 mg
Energy consumption kWh/1000h	471 kWh

#### • Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	450 (max) C

#### • Product Dimensions

Reference Length A	205 mm
Overall Length C	278 (max) mm
Diameter D	47 (max) mm

**PHILIPS**

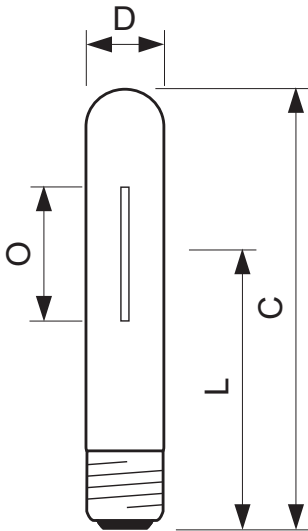
Light Center Length L 175 mm  
 Arc Length O 83 mm

Packing configuration 12  
 Packs per outerbox 12  
 Bar code on pack - EAN1 8711500707505  
 Bar code on outerbox - EAN3 8711500183019  
 Logistic code(s) - 12NC 928144609201  
 ILCOS code ST-400-H/E-E40  
 Net weight per piece 0.192 kg

• Product Data

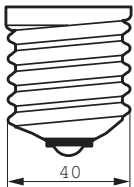
Order code 928144609201  
 Full product code 928144609201  
 Full product name MASTER Agro 400W E40 1SL  
 Order product name MASTER Agro 400W E40 1SL/12  
 Pieces per pack 1

Dimensional drawing



MASTER Agro 400W E40 1SL

Product	A (Norm)	C (Max)	D (Max)	L (Norm)	O (Norm)
SON Agro 400W E40	205	278	47	175	83



E40



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 data subject to change