



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	20 (nom), 25 (max) Ra8
Color Temperature	2000 K
Luminous Flux EM 25°C, Rated	57000 Lm
Lum Efficacy Rated EM 25°C	132.5 Lm/W
Photosynthetic Photon Flux PPF	695 umol/s
PPF maintenance 2000h	96 %
PPF maintenance 5000h	90 %
PPF maintenance 10000h	84 %
PPF maintenance 15000h	73 %
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	430.0 W
Voltage	230 V
Lamp Voltage	128 V
Lamp Current EM	3.9 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	22.0 mg
Energy consumption kWh/1000h	473 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
Light Center Length L	175 mm

PHILIPS

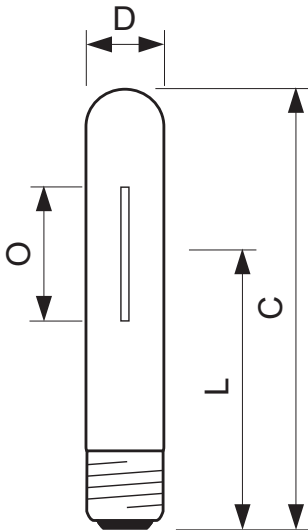
Arc Length O 83 mm

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

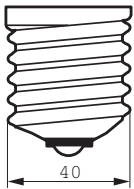
Order code 928144609201
 Full product code 928144609201
 Full product name MASTER Agro 400W E40 1SL
 Order product name MASTER Agro 400W E40 1SL/12
 Pieces per pack 1
 Packing configuration 12

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