



# Product Description

## HORTI

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

### Benefits

- Optimized performance for horticultural applications
- High growthlight maintenance safeguards a constant crop quality and quantity over life

### Features

- Clear tubular outer bulb
- Ceramic discharge tube with Philips Integrated Antenna (PIA) for a long and reliable lifetime
- Advanced getter ensures high growthlight maintenance and few early failures
- "GreenPower" concept with optimized micromol output (growth light)
- "Plus" concept with high efficacy translated into high light output
- "Agro" concept with optimized light spectrum

### Application

- Horticultural applications, plant irradiation, assimilation lighting

### 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.

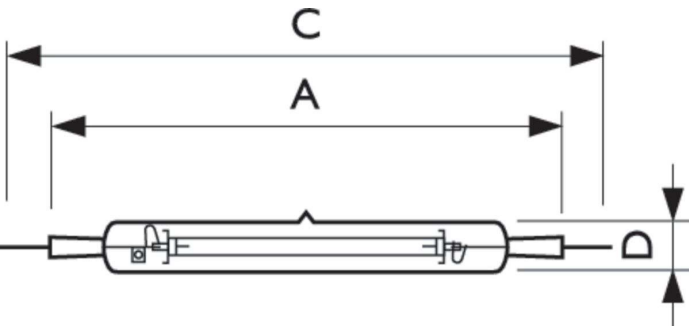
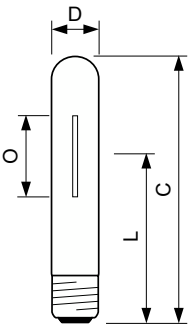
Versions



LPPR SONTHORT 0001



Dimensional drawing



Product	D (max)	O	L	C (max)	A
MASTER Agro 400W E40 1SL/12	47 mm	83 mm	175 mm	278 mm	205 mm
MASTER GreenPower Plus 600W EL E40 1SL	47 mm	120 mm	168 mm	283 mm	205 mm

Product	D (max)	O	C (max)	A
MASTER GreenPower Xtra 1000W EL/5X6CT	33.5 mm	147 mm	394 mm	325 mm

Light Technical	
Correlated Color Temperature (Nom)	2000 K
Mechanical and Housing	
Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base	Operating Position
928144609201	MASTER Agro 400W E40 1SL/12	E40	UNIVERSAL
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	E40	UNIVERSAL

Order Code	Full Product Name	Operating	
		Cap-Base	Position
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	K12x30s	P

Light Technical

Order Code	Full Product Name	Chromaticity		Color rendering index	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)	(CRI)	(Nom)
928144609201	MASTER Agro 400W E40 1SL/12	0.520	0.415	20	130 lm/W
928151219227	MASTER GreenPower	0.533	0.416	36	139 lm/W

Order Code	Full Product Name	Chromaticity		Color rendering index	Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)	(CRI)	(Nom)
	Plus 600W EL E40 1SL				
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	0.537	0.427	33	155 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928144609201	MASTER Agro 400W E40 1SL/12	128 V	430.0 W
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	228 V	615.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	220 V	1,020.0 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
928144609201	MASTER Agro 400W E40 1SL/12	No
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	No

Order Code	Full Product Name	Dimmable
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	Yes

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928144609201	MASTER Agro 400W E40 1SL/12	T46
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	T40

Order Code	Full Product Name	Bulb Shape
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	T40

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928144609201	MASTER Agro 400W E40 1SL/12	473 kWh	22.0 mg
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	677 kWh	41.8 mg
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	1020 kWh	35 mg

