PHILIPS

HORTI

EMHORTI



Product Description

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
- 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

Applications

- Horticultural applications, plant irradiation, assimilation lighting

Features

- Clear tubular outer bulb
- Ceramic discharge tube with Philips Integrated Antenna (PIA) for a long and reliable lifetime

- 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

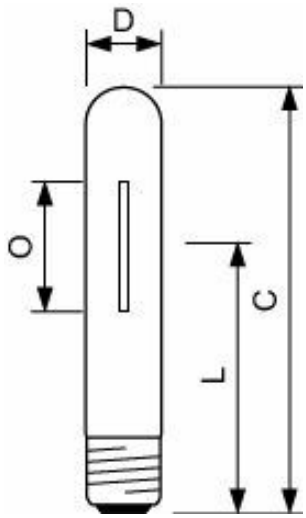


LPPR SONTHORT 0001

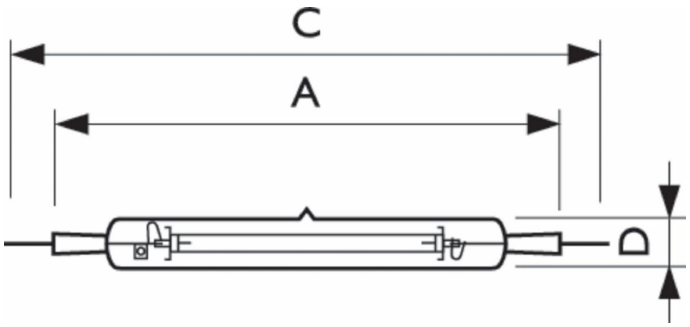


LPPR_SONTHORT_0002-Product photo

Dimensional drawing



Product	D (max)	O	L	C (max)	A	
MASTER GreenPower 600W 400V E40 1SL/12	47 mm	102 mm	164 mm	279 mm	205 mm	
MASTER GreenPower 600W 480V E40 1SL/12	47 mm	1.81 inch	120 mm	168 mm	283 mm	205 mm
MASTER GreenPower CG T 400W E40	47 mm	118.6 mm	175 mm	283 mm	205 mm	
MASTER GreenPower CG T 400W E40 1SL/12	47 mm	118.6 mm	175 mm	283 mm	205 mm	
MASTER GreenPower CG T 600W E40 1SL/12	47 mm	151 mm	166 mm	279 mm	205 mm	
MASTER GreenPower Plus 600W EL E40 1SL	47 mm	120 mm	168 mm	283 mm	205 mm	
MASTER GreenPower Plus 600W EL E40 UNP	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

Mechanical and Housing

Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base	Operating Position
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	E40	UNIVERSAL
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	E40	UNIVERSAL
928158709214	MASTER GreenPower CG T 400W E40	E40	UNIVERSAL
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	E40	UNIVERSAL
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	E40	UNIVERSAL
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	E40	UNIVERSAL
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	E40	UNIVERSAL
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	K12x30s	P

Light Technical

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	0.533	0.416	2000 K	139 lm/W	36
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	0.533	0.416	2000 K	139 lm/W	36
928158709214	MASTER GreenPower CG T 400W E40	-	-	2000 K	136 lm/W	29
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	-	-	2000 K	136 lm/W	29
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	0.533	0.432	2000 K	142.4 lm/W	26
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	0.526	0.420	2000 K	142 lm/W	30
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	0.526	0.420	2040 K	142 lm/W	33
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	0.537	0.427	2000 K	155 lm/W	33

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	615.0 W	228 V
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	615.0 W	228 V
928158709214	MASTER GreenPower CG T 400W E40	430.0 W	126 V
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	430.0 W	126 V
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	618.0 W	130 V
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	602.5 W	190 V
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	645.0 W	208 V
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	1,020.0 W	220 V

Controls and Dimming

Order Code	Full Product Name	Dimmable
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	No
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	No
928158709214	MASTER GreenPower CG T 400W E40	Yes
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	Yes
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	Yes
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	Yes
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	Yes
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	Yes

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	T40
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	T40
928158709214	MASTER GreenPower CG T 400W E40	T46
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	T46
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	T46
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	T46
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	T46
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	T40

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928151219214	MASTER GreenPower Plus 600W EL E40 UNP	41.8 mg	677 kWh
928151219227	MASTER GreenPower Plus 600W EL E40 1SL	41.8 mg	677 kWh
928158709214	MASTER GreenPower CG T 400W E40	20.0 mg	473 kWh
928158709227	MASTER GreenPower CG T 400W E40 1SL/12	20.0 mg	473 kWh
928158809227	MASTER GreenPower CG T 600W E40 1SL/12	30.0 mg	680 kWh
928159209227	MASTER GreenPower 600W 400V E40 1SL/12	42.0 mg	663 kWh
928161409227	MASTER GreenPower 600W 480V E40 1SL/12	42 mg	710 kWh
928152419216	MASTER GreenPower Xtra 1000W EL/5X6CT	35 mg	1,020 kWh

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.