



Intelligent Energy Saving Lamp

MASTER PL-Electronic Automatic

Covered energy-saving MASTER lamp for (semi-) professional use with built-in light sensor, switches on when it is dark, switches off in daylight.

Benefits

- Simplicity of use; once installed it switches on-off automatically at certain daylight level
- Highest energy efficiency resulting in one-fifth the energy consumption of an incandescent lamp for the same light output
- Highest reliability throughout life which is especially beneficial where lighting is required for longer periods of time and / or where lamp replacement is difficult
- Lifetime independent of switching on-off
- Green Flagship product as best environmental choice in the CFL portfolio
- Lowest total cost of ownership

Features

- Long-life alternative to incandescent lamps, once connected to mains electricity it automatically switches on when it is dark and switches off in daylight
- The perfect choice for end users that demand the best performance and reliability
- Average lifetime fifteen times longer than an incandescent lamp
- European energy efficiency labelling class A
- Very good lumen maintenance throughout the lifetime of the lamp
- Virtually constant light output (>90%) over recommended temperature range
- Very low mercury content (≤ 2 mg)

Application

- Designed to replace incandescent lamps
- Mainly outdoor (e.g. Outdoor hotel lighting, parking lots, restaurant / café gardens, patios, garden / lawn lighting)
- Luminaires, which protect against rainfalls, are required
- Not suitable for dimming and electronic devices



Related products

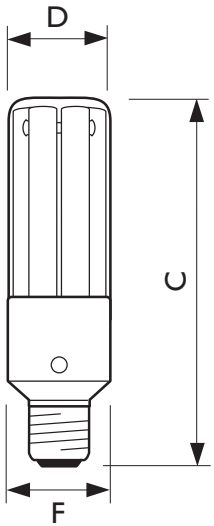


11W/15W, E27, Prismatic



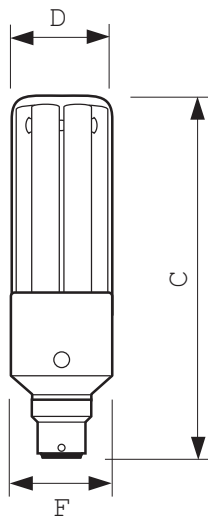
11W/15W, B22, Prismatic

Dimensional drawing



E27

Product	C (Max)	D (Max)	F (Max)
PL E-R Sensor 11W/827 E27 230-240V Pri	141.0	50.8	48.0
PL E-R Sensor 15W/827 E27 230-240V Pri	141.0	50.8	48.0



B22

Product	C (Max)	D (Max)	F (Max)
PL E-R Sensor 15W/827 B22 230-240V Pri	139.5	50.8	48.0

General Characteristics

Order code	Full product name	Bulb Finish	Cap-Base	Average Life-time	Life to 50% failures	Rated Lifetime (hours)	Rated Lifetime (years)
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	Prismatic	E27	15000	15000	15000	15
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	Prismatic	E27	20000	20000	20000	20
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	Prismatic	B22	20000	20000	20000	20

Light Technical Characteristics (1/2)

Order code	Full product name	Color Code	Color Designation (text)	Luminous flux lamp	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Luminous Intensity	Luminous Efficacy Lamp EM
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	827	Warm White	600	457	416	82	90	85	-	54
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	827	Warm White	900	457	416	82	90	85	-	60
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	827	Warm White	900	457	416	82	90	85	-	60

Light Technical Characteristics (2/2)

Order code	Full product name	Color Temperature	Rated Luminous Flux
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	2700	600
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	2700	900

Order code	Full product name	Color Temperature	Rated Luminous Flux
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	2700	900

Electrical Characteristics

Order code	Full product name	Voltage	Line Frequency	Lamp Wattage	Lamp Current	Dimmable	Wattage Equivalent	Rated Wattage	Starting Time	Warm-up Time to 60% Light Outp
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	230-240	50/60	11	0.085	No	50	11	1.0 (max)	30 (nom), 60 (max)
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	230-240	50/60	15	0.120	No	70	15	1.0 (max)	30 (nom), 60 (max)
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	230-240	50/60	15	0.120	No	70	15	1.0 (max)	30 (nom), 60 (max)

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	A	1.41
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	A	1.41

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	A	1.41

Measuring Conditions

Order code	Full product name	Switching cycle
929743197501	MASTER PL-Electronic Automatic 11W/827 E27 1CT	20000X
929745197501	MASTER PL-Electronic Automatic 15W/827 E27 1CT	20000X
929745297501	MASTER PL-Electronic Automatic 15W/827 B22 1CT	20000X



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www.philips.com/lighting

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data subject to change