



MASTER PL-Electronic

Non-covered energy-saving MASTER lamps for professional use

Product Features

- Lightweight, superior long-life alternative to incandescent lamps
- The perfect choice for end users that demand the best performance and reliability
- Average lifetime 15 times longer than an incandescent lamp
- European energy efficiency labelling class A for the complete range
- Very good lumen maintenance throughout the lifetime of the lamp
- Complete range equipped with the unique Philips bridged burner technology (Mercury)
- Very low mercury content (≤ 2 mg)

Product Benefits

- Highest energy efficiency resulting in one-fifth the energy consumption of an incandescent lamp for the same light output
- Smallest dimensions ensuring optimal physical fit
- Highest reliability throughout life which is especially beneficial where lighting is required for longer periods of time and/or where lamp replacement is difficult
- The unique bridged burner results in an excellent run-up time with very high initial light output and better thermal performance
- Green Flagship product as best environmental choice in the CFL portfolio
- Lifetime independent of switching on-off
- Lowest total cost of ownership

Applications:

- Designed to replace incandescent lamps in most professional and semi-professional applications
- Mainly indoor (e.g. hotels, restaurants, offices)
- For outdoor applications 3 types (15, 20, 23W) will remain available also in Amalgam with the benefit of virtually constant light output ($>90\%$) over the recommended temperature
- Enclosed fixtures are required for outdoor applications
- Suitable for emergency lighting with DC supply
- Not suitable for dimming and electronic devices

Order code

263568 25

Full product name

MASTER PL-Electronic 5W/827 E14 230-240V ICT

PHILIPS

Order code	Full product name
263537 25	MASTER PL-Electronic 5W/827 E27 230-240V ICT
263636 25	MASTER PL-Electronic 8W/827 B22 230-240V ICT
263667 25	MASTER PL-Electronic 8W/827 E14 230-240V ICT
263582 25	MASTER PL-Electronic 8W/827 E27 230-240V ICT
263759 25	MASTER PL-Electronic 11W/827 B22 230-240V ICT
263773 25	MASTER PL-Electronic 11W/827 E14 230-240V ICT
263681 25	MASTER PL-Electronic 11W/827 E27 230-240V ICT
752055 10	MASTER PL-Electronic 15W/827 B22 230-240V ICT
751423 10	MASTER PL-Electronic 15W/827 E27 230-240V ICT
752062 10	MASTER PL-Electronic 20W/827 B22 230-240V ICT
751430 10	MASTER PL-Electronic 20W/827 E27 230-240V ICT
752079 10	MASTER PL-Electronic 23W/827 B22 230-240V ICT
751447 10	MASTER PL-Electronic 23W/827 E27 230-240V ICT
543851 10	MASTER PL-Electronic 27W/827 E27 230-240V ICT
659996 10	MASTER PL-Electronic 33W/827 E27 230-240V ICT

Legend

Column	Value	Explanation
Lamp Wattage	5	
	8	
	11	
	15	
	20	
	23	
	27	
	33	
Colour Code	827	CCT of 2700K
Cap-Base	SES	
	ES	ES
	BC	BC
Voltage	230-240	
Line Frequency	50/60	

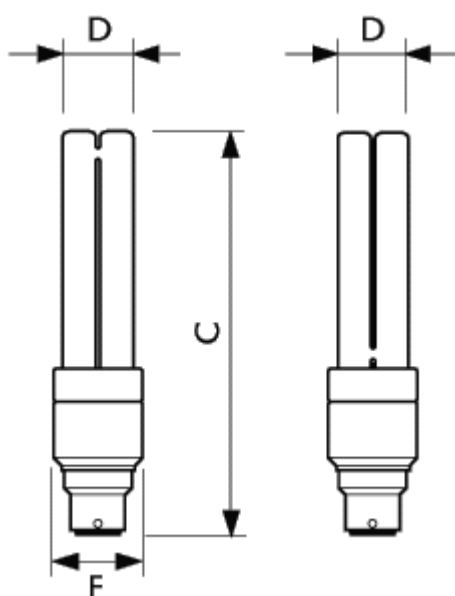
Basic specifications - Lamps

Order code	Lamp Wattage	Colour Code	Cap Base	Voltage [V]	Line Frequency [Hz]	Colour Designation	Average Life time [hrs]	Life to 50% failures [hrs]	Rated Lifetime (hours)
263568 25	5	827	SES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263537 25	5	827	ES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263636 25	8	827	BC	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263667 25	8	827	SES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263582 25	8	827	ES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263759 25	11	827	BC	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263773 25	11	827	SES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]
263681 25	11	827	ES	230-240	50/60	Warm white	15000 [nom]	15000 [nom]	15000 [nom]

Order code	Lamp Wattage	Colour Code	Cap Base	Voltage [V]	Line Frequency [Hz]	Colour Designation	Average Life time [hrs]	Life to 50% failures [hrs]	Rated Lifetime (hours)
752055 10	15	827	BC	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
751423 10	15	827	ES	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
752062 10	20	827	BC	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
751430 10	20	827	ES	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
752079 10	23	827	BC	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
751447 10	23	827	ES	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
543851 10	27	827	ES	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]
659996 10	33	827	ES	230-240	50/60	Warm white	20000 [nom]	20000 [nom]	20000 [nom]

Order code	Rated Lifetime (years)	Lamp Current [A]	Dimmable	Wattage Equivalent	Rated Wattage	Starting Time [sec]	Warm-up Time to 60% Light Output [s]	Energy Efficiency Label	Mercury (Hg) Content [mg]	Luminous Intensity [cd]
263568 25	15 [nom]	0.040 [nom]	no	25	5 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263537 25	15 [nom]	0.040 [nom]	no	25	5 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263636 25	15 [nom]	0.065 [nom]	no	40	8 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263667 25	15 [nom]	0.065 [nom]	no	40	8 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263582 25	15 [nom]	0.065 [nom]	no	40	8 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263759 25	15 [nom]	0.075 [nom]	no	50	11 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263773 25	15 [nom]	0.075 [nom]	no	50	11 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
263681 25	15 [nom]	0.075 [nom]	no	50	11 [nom]	0.2 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
752055 10	20 [nom]	0.110 [nom]	no	70	15 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
751423 10	20 [nom]	0.110 [nom]	no	70	15 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
752062 10	20 [nom]	0.140 [nom]	no	90	20 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
751430 10	20 [nom]	0.140 [nom]	no	90	20 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
752079 10	20 [nom]	0.156 [nom]	no	105	23 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
751447 10	20 [nom]	0.156 [nom]	no	105	23 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
543851 10	20 [nom]	0.124 [nom]	no	125	27 [nom]	1.0 [max]	10 [nom] 60 [max]	A	1.41 [nom]	- [max]
659996 10	20 [nom]	0.155 [nom]	no	150	33 [nom]	1.0 [max]	20 [nom] 60 [max]	A	1.41 [nom]	- [max]

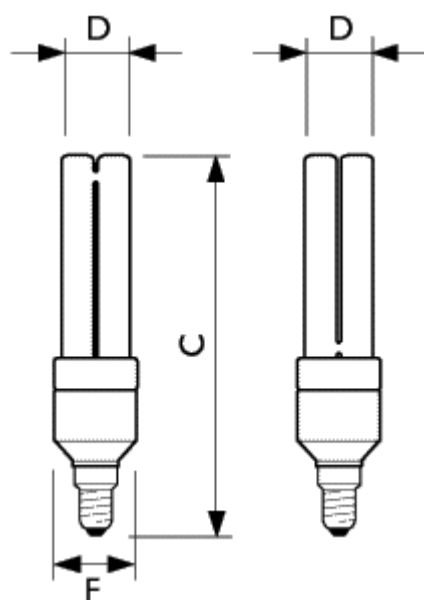
Order code	Colour Rendering Index	Colour Temperature	Chromaticity Coordinate X	Chromaticity Coordinate Y	Lamp Luminous Flux [lm]	Lamp Luminous Efficacy [lm/W]	Lumen Maintenance 2000h [%]	Lumen Maintenance 5000h [%]	Rated Luminous Flux [lm]
263568 25	82 [nom]	2700 [nom]	470 [nom]	428 [nom]	205 [min] 230 [nom]	46 [nom]	90 [nom]	85 [nom]	230 [nom]
263537 25	82 [nom]	2700 [nom]	470 [nom]	428 [nom]	205 [min] 230 [nom]	46 [nom]	90 [nom]	85 [nom]	230 [nom]
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263667 25	82 [nom]	2700 [nom]	467 [nom]	424 [nom]	390 [min] 432 [nom]	50 [nom]	90 [nom]	85 [nom]	432 [nom]
263582 25	82 [nom]	2700 [nom]	467 [nom]	424 [nom]	390 [min] 432 [nom]	50 [nom]	90 [nom]	85 [nom]	432 [nom]
263759 25	82 [nom]	2700 [nom]	466 [nom]	422 [nom]	540 [min] 600 [nom]	55 [nom]	90 [nom]	85 [nom]	600 [nom]
263773 25	82 [nom]	2700 [nom]	466 [nom]	422 [nom]	540 [min] 600 [nom]	55 [nom]	90 [nom]	85 [nom]	600 [nom]
263681 25	82 [nom]	2700 [nom]	466 [nom]	422 [nom]	540 [min] 600 [nom]	55 [nom]	90 [nom]	85 [nom]	600 [nom]
752055 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	810 [min] 875 [nom]	56 [nom]	90 [nom]	85 [nom]	875 [nom]
751423 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	810 [min] 875 [nom]	56 [nom]	95 [nom]	90 [nom]	875 [nom]
752062 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	1080 [min] 1200 [nom]	60 [nom]	95 [nom]	90 [nom]	1200 [nom]
751430 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	1080 [min] 1200 [nom]	60 [nom]	95 [nom]	90 [nom]	1200 [nom]
752079 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	1260 [min] 1500 [nom]	63 [nom]	95 [nom]	90 [nom]	1485 [nom]
751447 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	1350 [min] 1500 [nom]	63 [nom]	95 [nom]	90 [nom]	1485 [nom]
543851 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	1620 [min] 1800 [nom]	62 [nom]	95 [nom]	90 [nom]	1800 [nom]
659996 10	82 [nom]	2700 [nom]	457 [nom]	416 [nom]	2025 [min] 2250 [nom]	65.2 [nom]	95 [nom]	90 [nom]	2250 [nom]

**MASTER PL-E B22**

	C	D	F
Dimension Reference	Max	Max	Max
1	117.4	28.0	40.3
2	139.4	28.0	40.3

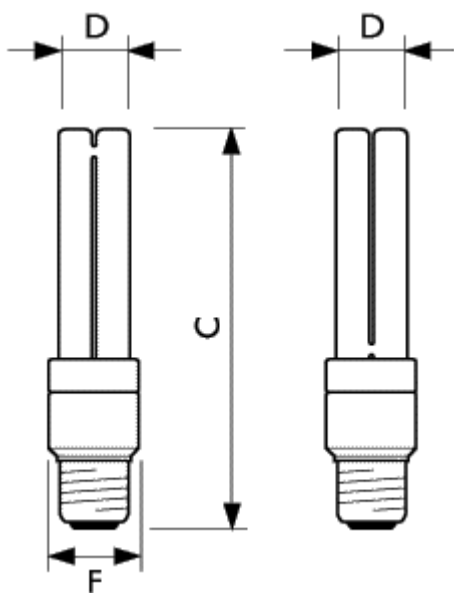
Full product name	Dimension Reference
MASTER PL-Electronic 8W/827 B22 230-240V ICT	1
MASTER PL-Electronic 11W/827 B22 230-240V ICT	2

Letter	Explanation
C	Overall Length C
D	Diameter D
F	Width F



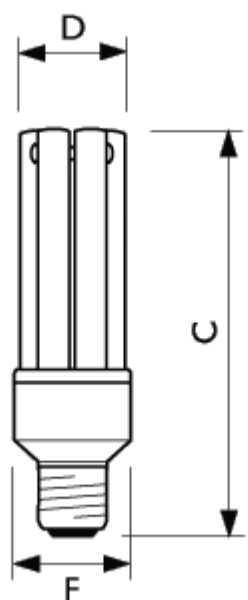
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MASTER PL-E E14



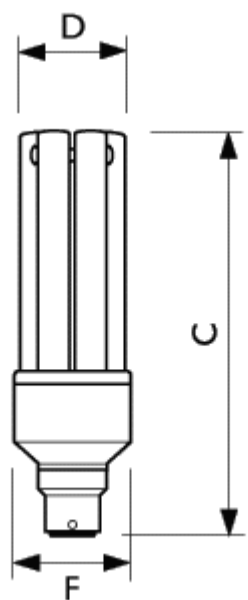
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MASTER PL-E E27



Data not (yet) available

MASTER PL-E E27



Data not (yet) available

MASTER PL-E B22



MASTER PL-E 5W E14



MASTER PL-E 8W E27



MASTER PL-E 5W E27



MASTER PL-E 8W E14



MASTER PL-E 8W B22



MASTER PL-E 11W E27



MASTER PL-E 11W E14



MASTER PL-E 11W B22



MASTER PL-E 15W E27



MASTER PL-E 15W B22



MASTER PL-E 20W E27



MASTER PL-E 20W B22



MASTER PL-E 23W E27



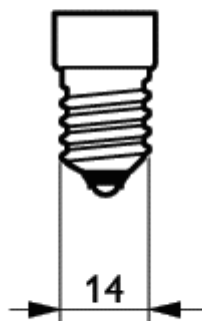
MASTER PL-E 23W B22



MASTER PL-E 27W E27



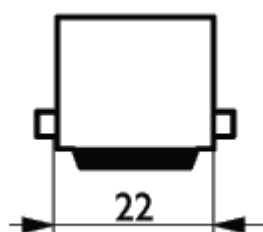
MASTER PL-E 33W E27



Cap-Base SES



Cap-Base ES



Cap-Base BC



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