

Compact fluorescent lamps



Compact fluorescent integrated lamps are long life, energy saving lamps, of which the arc tubes and electronic gear are integrated to form one complete lamp. They have been developed for use in those applications that were traditionally the province of incandescent lamps. They combine high efficacy and good color characteristic with low energy consumption and long life.



EcoHL 65W E26/E27

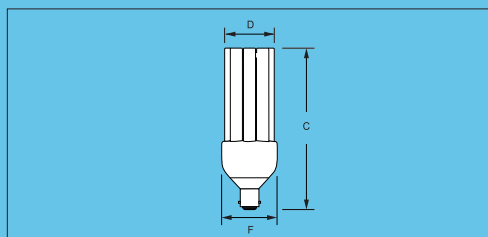


EcoHL 45W E26/E27



EcoHL 65W B22

Dimensions in mm

**Product description**

- The lamp consists of 8 parallel narrow fluorescent tubes bridged together with a unique construction.
- Lamps is equipped with an integrated ballast.

Product feature

- The Ecotone High Lumen range is available in 45/65W versions, the equivalents of ML & HPL's low watt ones.
- These lamps start instantly (within 0.1 seconds) and save energy compared with the ML/HPL solutions.
- The Ecotone High Lumen lamps have a long life of 10,000 hours
- Three color temperatures are available: Warm White (2700K), Cool White (4000K) and Cool Daylight (6500K) with good color rendering
- In all applications bright and stable light is guaranteed whatever the ambient temperature varies, thanks to Philips amalgam technology.
- The lamps operate under a wide voltage range (170-250V), to give you light even in fluctuating Power supply.
- High Power Factor; fully compliant to IEC/EMC standards
- Not suitable for the enclosed fixtures, dimmers, or electronic switches or remote controls.

Application

- The low operation cost of the Ecotone High Lumen lamps give the best value for money and can be the perfect alternatives to replace ML or HPL system in the open fixtures.
- Indoor and outdoor general and decorative lighting in professional low and medium- bay environments such as:
 - public buildings
 - shops and shopping centers
 - railway and bus stations
 - residential areas and city centers

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
45W B22	227.5	72.2	80.3
45W E27	229.0	72.2	80.3
65W B22	261.5	72.2	80.3
65W E27	263.0	72.2	80.3

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
MASTER Ecotone High Lumen 45W/840 B22 220-240V 1CT	45	50/60	B22	220-240	4000	82
MASTER Ecotone High Lumen 45W/840 E27 220-240V 1CT	45	50/60	E27	220-240	4000	82
MASTER Ecotone High Lumen 45W/865 B22 220-240V 1CT	45	50/60	B22	220-240	6500	80
MASTER Ecotone High Lumen 45W/865 E27 220-240V 1CT	45	50/60	E27	220-240	6500	82
MASTER Ecotone High Lumen 65W/840 B22 220-240V 1CT	65	50/60	B22	220-240	4000	82
MASTER Ecotone High Lumen 65W/840 E27 220-240V 1CT	65	50/60	E27	220-240	4000	82
MASTER Ecotone High Lumen 65W/865 B22 220-240V 1CT	65	50/60	B22	220-240	6500	80
MASTER Ecotone High Lumen 65W/865 E27 220-240V 1CT	65	50/60	E27	220-240	6500	80

Product ID	Luminous Flux Lamp [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
MASTER Ecotone High Lumen 45W/840 B22 220-240V 1CT	3000	85	6000	335	EHL45W840BC
MASTER Ecotone High Lumen 45W/840 E27 220-240V 1CT	3000	85	6000	335	EHL45W840ES
MASTER Ecotone High Lumen 45W/865 B22 220-240V 1CT	3000	85	6000	335	EHL45W865BC
MASTER Ecotone High Lumen 45W/865 E27 220-240V 1CT	3000	85	6000	335	EHL45W865ES
MASTER Ecotone High Lumen 65W/840 B22 220-240V 1CT	4200	85	6000	395	EHL65W840BC
MASTER Ecotone High Lumen 65W/840 E27 220-240V 1CT	4200	85	6000	395	EHL65W840ES
MASTER Ecotone High Lumen 65W/865 B22 220-240V 1CT	4200	85	6000	395	EHL65W865BC
MASTER Ecotone High Lumen 65W/865 E27 220-240V 1CT	4200	85	6000	395	EHL65W865ES



SLE-D 15W E27



SLE-D 15W B22

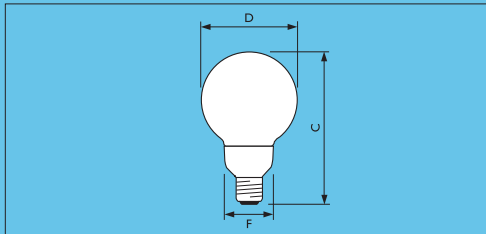


SLE-D 20W E27 TW



SLE-D 20W E27 Decor

Dimensions in mm



Product description

- The new and improved SL Electronic Decor has a sturdy, yet graceful design and finishing, ideal for decorative applications.
- Lightweight and improved, the SL Electronic Décor range is available in 15W, 20W versions, the equivalents of 75W and 100W incandescent light bulbs.
- These lamps start instantly (under 0.1 seconds) and save up 80% energy compared to the incandescent light bulbs they replace.
- The SL Electronic D lamps have a new improved long life of 10,000 hours, which equals 6 years at 4.5 hours/day!
- Two color temperatures are available: cozy Warm White (2700K) and Cool Daylight (6500K).
- In all applications bright and stable light is guaranteed whatever the ambient temperature thanks to Philips amalgam technology.
- The lamps operate under a wide voltage range (170-250V), to give you light even in fluctuating Power supply.

Application

- The low initial and operating cost of the SL Electronic D give the lamps the best value for money.
- Due to the compact size, the SL Electronic D range easily replaces incandescent light bulbs in a wide variety of indoor and outdoor applications.
- The lamps will start in temperatures as low as -10 C.
- Outdoor use, only in enclosed fixtures.

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
15W B22	155.5	96	58.4
15W E27	157.0	96	58.4
20W B22	172.5	111	58.4
20W E27 220-240V	174.0	111	58.4
20W E27 120V	162.0	89	58.4

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
MASTER SLE-D 15W CDL B22 220-240V 1CP	15	50/60	B22	220-240	6500	76
MASTER SLE-D 15W CDL E27 220-240V 1CP	15	50/60	E27	220-240	6500	76
MASTER SLE-D 15W WW B22 220-240V 1CP	15	50/60	B22	220-240	2700	82
MASTER SLE-D 15W WW E27 220-240V 1CP	15	50/60	E27	220-240	2700	82
MASTER SLE-D 20W CDL B22 220-240V 1CP	20	50/60	B22	220-240	6500	76
MASTER SLE-D 20W CDL E27 220-240V 1CP	20	50/60	E27	220-240	6500	76
MASTER SLE-D 20W WW B22 220-240V 1CP	20	50/60	B22	220-240	2700	82
MASTER SLE-D 20W WW E27 220-240V 1CP	20	50/60	E27	220-240	2700	82
MASTER SLE-D 20W CDL E27 120V 1CP	20	50/60	E27	110-120	6500	76
MASTER SLE-D 20W WW E27 120V 1CP	20	50/60	E27	110-120	2700	82

Product ID	Luminous Flux Lamp [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
MASTER SLE-D 15W CDL B22 220-240V 1CP	760	85	10000	140	SLED15WCDLBC
MASTER SLE-D 15W CDL E27 220-240V 1CP	760	85	10000	140	SLED15WCDLES
MASTER SLE-D 15W WW B22 220-240V 1CP	800	85	10000	140	SLED15WWWBC
MASTER SLE-D 15W WW E27 220-240V 1CP	800	85	10000	140	SLED15WWWES
MASTER SLE-D 20W CDL B22 220-240V 1CP	1050	85	10000	160	SLED20WCDLBC
MASTER SLE-D 20W CDL E27 220-240V 1CP	1050	85	10000	160	SLED20WCDLES
MASTER SLE-D 20W WW B22 220-240V 1CP	1050	85	10000	160	SLED20WWWBC
MASTER SLE-D 20W WW E27 220-240V 1CP	1100	85	10000	160	SLED20WWWES
MASTER SLE-D 20W CDL E27 120V 1CP	1050	85	10000	160	SLED20WLVCDLES
MASTER SLE-D 20W WW E27 120V 1CP	1050	85	10000	160	SLED20WLWWWES



PL E-3U 20W E27

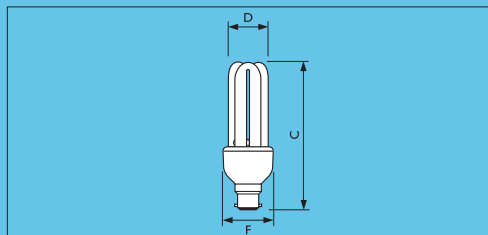


PL E-3U E27



PL E-3U B22

Dimensions in mm

**Product description**

- Lightweight and improved, the PL Electronic U range is available in 11W, 15W, 20W and 23W versions, the equivalents of 60W, 75W, 100W and 125W incandescent light bulbs.
- These lamps start instantly (under 0.1 seconds) and save up 80% energy compared to the incandescent light bulbs they replace.
- The PL Electronic U lamps have a new improved long life of 10,000 hours, which equals 6 years at 4.5 hours/day!
- Two color temperatures are available: cozy Warm White (2700K) and Cool Daylight (6500K).
- In all applications bright and stable light is guaranteed whatever the ambient temperature thanks to Philips amalgam technology.
- The lamps operate under a wide voltage range (170-250V), to give you light even in fluctuating Power supply.

Application

- The low initial and operating cost of the PLE-U give the lamps the best value for money.
- Due to the compact size, the PLE-U range easily replaces incandescent light bulbs in a wide variety of indoor and outdoor applications.
- The lamps will start in temperatures as low as -10 C

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
11W E27	132.7	—	48.4
15W B22	131.2	—	48.4
15W E27	132.7	—	48.4
20W B22	131.2	—	48.4
20W E27	150.2	—	48.4
23W B22	169.9	—	48.4
23W E27	171.4	—	48.4

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
MASTER PLE-U 11W CDL E27 220-240V 1CP	11	50/60	E27	220-240	6500	78
MASTER PLE-U 11W WW E27 220-240V 1CP	11	50/60	E27	220-240	2700	82
MASTER PLE-U 15W CDL B22 220-240V 1CP	15	50/60	B22	220-240	6500	78
MASTER PLE-U 15W CDL E27 220-240V 1CP	15	50/60	E27	220-240	6500	78
MASTER PLE-U 15W CDL E27 220-240V 1CP	15	50/60	E27	220-240	6500	78
MASTER PLE-U 15W WW B22 220-240V 1CP	15	50/60	B22	220-240	2700	82
MASTER PLE-U 15W WW E27 220-240V 1CP	15	50/60	E27	220-240	2700	82
MASTER PLE-U 15W WW E27 220-240V 1CP	15	50/60	E27	220-240	2700	82
MASTER PLE-U 20W CDL B22 220-240V 1CP	20	50/60	B22	220-240	6500	78
MASTER PLE-U 20W CDL E27 220-240V 1CP	20	50/60	E27	220-240	6500	78
MASTER PLE-U 20W CDL E27 220-240V 1CP	20	50/60	E27	220-240	6500	78
MASTER PLE-U 20W WW B22 220-240V 1CP	20	50/60	B22	220-240	2700	82
MASTER PLE-U 20W WW E27 220-240V 1CP	20	50/60	E27	220-240	2700	82
MASTER PLE-U 20W WW E27 220-240V 1CP	20	50/60	E27	220-240	2700	82
MASTER PLE-U 23W CDL B22 220-240V 1CP	23	50/60	B22	220-240	6500	78
MASTER PLE-U 23W CDL E27 110-120V 1CT	23	50/60	E27	110-120	6500	78
MASTER PLE-U 23W CDL E27 110-120V 1CT	23	50/60	E27	110-120	6500	78
MASTER PLE-U 23W CDL E27 220-240V 1CP	23	50/60	E27	220-240	6500	78
MASTER PLE-U 23W CDL E27 220-240V 1CP	23	50/60	E27	220-240	6500	78
MASTER PLE-U 23W WW B22 220-240V 1CP	23	50/60	B22	220-240	2700	82
MASTER PLE-U 23W WW E27 110-120V 1CT	23	50/60	E27	110-120	2700	82
MASTER PLE-U 23W WW E27 110-120V 1CT	23	50/60	E27	110-120	2700	82
MASTER PLE-U 23W WW E27 220-240V 1CP	23	50/60	E27	220-240	2700	82
MASTER PLE-U 23W WW E27 220-240V 1CP	23	50/60	E27	220-240	2700	82

Product ID	Luminous Flux Lamp [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
MASTER PLE-U 11W CDL E27 220-240V 1CP	570	85	10000	87	PLEU11WCDLES
MASTER PLE-U 11W WW E27 220-240V 1CP	600	85	10000	87	PLEU11WWWVES
MASTER PLE-U 15W CDL B22 220-240V 1CP	850	85	10000	87	PLEU15WCDLBC
MASTER PLE-U 15W CDL E27 220-240V 1CP	850	85	10000	87	PLEU15WCDLES
MASTER PLE-U 15W CDL E27 220-240V 1CP	850	85	10000	87	PLEU15WCDLES
MASTER PLE-U 15W WW B22 220-240V 1CP	900	85	10000	87	PLEU15WWWVBC
MASTER PLE-U 15W WW E27 220-240V 1CP	900	85	10000	87	PLEU15WWWVES
MASTER PLE-U 15W WW E27 220-240V 1CP	900	85	10000	87	PLEU15WWWVES
MASTER PLE-U 20W CDL B22 220-240V 1CP	1100	85	10000	90	PLEU20WCDLBC
MASTER PLE-U 20W CDL E27 220-240V 1CP	1100	85	10000	90	PLEU20WCDLES
MASTER PLE-U 20W CDL E27 220-240V 1CP	1100	85	10000	90	PLEU20WCDLES
MASTER PLE-U 20W WW B22 220-240V 1CP	1200	85	10000	90	PLEU20WWWVBC
MASTER PLE-U 20W WW E27 220-240V 1CP	1200	85	10000	90	PLEU20WWWVES
MASTER PLE-U 20W WW E27 220-240V 1CP	1200	85	10000	90	PLEU20WWWVES
MASTER PLE-U 23W CDL B22 220-240V 1CP	1400	85	10000	100	PLEU23WCDLBC
MASTER PLE-U 23W CDL E27 110-120V 1CT	1400	90	10000	100	PLEU23WCDLES
MASTER PLE-U 23W CDL E27 110-120V 1CT	1400	90	10000	100	PLEU23WCDLES
MASTER PLE-U 23W CDL E27 220-240V 1CP	1400	85	10000	100	PLEU23WCDLES
MASTER PLE-U 23W CDL E27 220-240V 1CP	1400	85	10000	100	PLEU23WCDLES
MASTER PLE-U 23W WW B22 220-240V 1CP	1500	85	10000	100	PLEU23WWWVBC
MASTER PLE-U 23W WW E27 110-120V 1CT	1500	90	10000	100	PLEU23WLVVWVES
MASTER PLE-U 23W WW E27 110-120V 1CT	1500	90	10000	100	PLEU23WLVVWVES
MASTER PLE-U 23W WW E27 220-240V 1CP	1500	85	10000	100	PLEU23WWWVES
MASTER PLE-U 23W WW E27 220-240V 1CP	1500	85	10000	100	PLEU23WWWVES



SL E Pro 20W E27



SL E Pro E27



SL E Pro B22

Product description

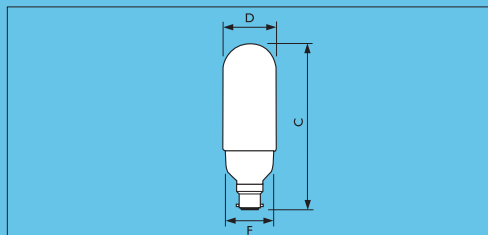
- The new and improved SL Electronic range has a sturdy, yet graceful design and finishing, ideal for decorative applications.
- Lightweight and improved, the SL Electronic range is available in 11W, 15W, 20W versions, the equivalents of 60W, 75W and 100W incandescent light bulbs.
- These lamps start instantly (under 0.1 seconds) and save up 80% energy compared to the incandescent light bulbs they replace.
- The SL Electronic P lamps have a new improved long life of 10,000 hours, which equals 6 years at 4.5 hours/day!
- Two color temperatures are available: cozy Warm White (2700K) and Cool Daylight (6500K).
- In all applications bright and stable light is guaranteed whatever the ambient temperature thanks to Philips amalgam technology.
- The lamps operate under a wide voltage range (170-250V), to give you light even in fluctuating Power supply.

Application

- The low initial and operating cost of the SL Electronic P give the lamps the best value for money.
- Due to the compact size, the SL Electronic P range easily replaces incandescent light bulbs in a wide variety of indoor and outdoor applications.
- The lamps will start in temperatures as low as -10 C

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
11W B22	141.4	—	58.4
11W E27	142.9	—	58.4
15W B22	141.4	—	58.4
15W E27	141.4	—	58.4
20W B22	156.4	—	58.4
20W E27	157.9	—	58.4

Dimensions in mm



Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
MASTER SLE-P 11W CDL E27 220-240V 1CP	11	50/60	E27	220-240	6500	76
MASTER SLE-P 11W WW B22 220-240V 1CP	11	50/60	B22	220-240	2700	82
MASTER SLE-P 11W WW E27 220-240V 1CP	11	50/60	E27	220-240	2700	82
MASTER SLE-P 15W CDL B22 220-240V 1CP	15	50/60	B22	220-240	6500	76
MASTER SLE-P 15W CDL E27 220-240V 1CP	15	50/60	E27	220-240	6500	76
MASTER SLE-P 15W WW B22 220-240V 1CP	15	50/60	B22	220-240	2700	82
MASTER SLE-P 15W WW E27 220-240V 1CP	15	50/60	E27	220-240	2700	82
MASTER SLE-P 20W CDL B22 220-240V 1CP	20	50/60	B22	220-240	6500	76
MASTER SLE-P 20W CDL E27 220-240V 1CP	20	50/60	E27	220-240	6500	76
MASTER SLE-P 20W WW B22 220-240V 1CP	20	50/60	B22	220-240	2700	82
MASTER SLE-P 20W WW E27 220-240V 1CP	20	50/60	E27	220-240	2700	82

Product ID	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
MASTER SLE-P 11W CDL E27 220-240V 1CP	570	85	10000	140	SLE11WCDLES
MASTER SLE-P 11W WW B22 220-240V 1CP	600	85	10000	140	SLE11WWWBWC
MASTER SLE-P 11W WW E27 220-240V 1CP	600	85	10000	140	SLE11WWWVES
MASTER SLE-P 15W CDL B22 220-240V 1CP	800	85	10000	140	SLE15WCDLBC
MASTER SLE-P 15W CDL E27 220-240V 1CP	800	85	10000	140	SLE15WCDLES
MASTER SLE-P 15W WW B22 220-240V 1CP	850	85	10000	140	SLE15WWWBWC
MASTER SLE-P 15W WW E27 220-240V 1CP	850	85	10000	140	SLE15WWWVES
MASTER SLE-P 20W CDL B22 220-240V 1CP	1100	85	10000	170	SLE20WCDLBC
MASTER SLE-P 20W CDL E27 220-240V 1CP	1100	85	10000	170	SLE20WCDLES
MASTER SLE-P 20W WW B22 220-240V 1CP	1150	85	10000	170	SLE20WWWBWC
MASTER SLE-P 20W WW E27 220-240V 1CP	1150	85	10000	170	SLE20WWWVES

Ambiance

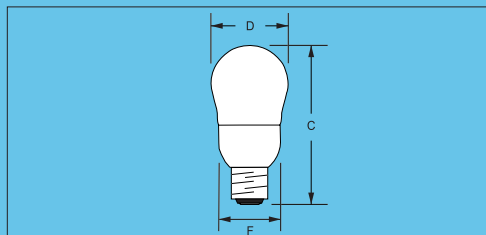


Ambiance E27



Ambiance B22

Dimensions in mm



Ambiance

Product description

- The Ambiance range is decorative covered compact fluorescent lamp, designed for an anti-glare application.
- It is available in 5W, 8W and 11W, with lumen equivalence of 25W, 40W and 60W incandescent light bulb.
- It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K).
- It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation).
- It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Application

- The Ambiance range is widely used to replace incandescent light bulb at indoor fixtures, down lights and other applications for creation comfortable moods.
- It is not suitable for dimming and electronic devices

Ambiance

Ambiance

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
Ambiance 8W CDL B22 220-240V 1CT	8	50/60	B22	220-240	6500	80
Ambiance 8W CDL E27 220-240V 1CT	8	50/60	E27	220-240	6500	80
Ambiance 8W WWW B22 220-240V 1CT	8	50/60	B22	220-240	2700	82
Ambiance 8W WWW E27 220-240V 1CT	8	50/60	E27	220-240	2700	82
Ambiance 11W CDL B22 220-240V 1CT	11	50/60	B22	220-240	6500	80
Ambiance 11W CDL E27 220-240V 1CT	11	50/60	E27	220-240	6500	80
Ambiance 11W WWW B22 220-240V 1CT	11	50/60	B22	220-240	2700	82
Ambiance 11W WWW E27 220-240V 1CT	11	50/60	E27	220-240	2700	82

Product ID	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Ambiance 8W CDL B22 220-240V 1CT	380	85	6000	85	AMB8WCDLBCBL1
Ambiance 8W CDL E27 220-240V 1CT	380	85	6000	85	AMB8WCDLESBL1
Ambiance 8W WWW B22 220-240V 1CT	400	85	6000	85	AMB8WWWBCBL1
Ambiance 8W WWW E27 220-240V 1CT	400	85	6000	85	AMB8WWWESBL1
Ambiance 11W CDL B22 220-240V 1CT	540	85	6000	95	AMB11WCDLBCBL1
Ambiance 11W CDL E27 220-240V 1CT	540	85	6000	95	AMB11WCDLESBL1
Ambiance 11W WWW B22 220-240V 1CT	570	85	6000	95	AMB11WWWBCBL1
Ambiance 11W WWW E27 220-240V 1CT	570	85	6000	95	AMB11WWWESBL1

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
8W B22	112.5	61.5	44.4
11W B22	122.5	61.5	44.4
11W E27	126.0	61.0	44.4
14W B22	130.5	66.0	50.4
14W E27	144.5	71.0	50.4
18W B22	141.4	71.0	50.4



Econ Genie 11W E27

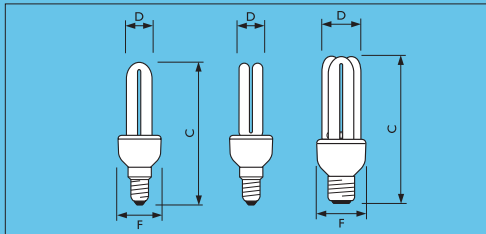


Genie 5W E27



Genie 5W E14

Dimensions in mm



Product description

- The Genie range is stick-shape compact fluorescent lamp, with the smallest size.
- It is available in 5W, 8W, 11W, 14W and 18W, with lumen equivalence of 25W, 40W, 60W, 75W and 100W incandescent light bulb.
- It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K).
- It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation).
- It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Application

- The Genie range is widely used to replace incandescent light bulb at indoor fixtures, table fixtures and other consumer or (semi) professional applications, in which require small sized lamp.
- It is not suitable for dimming and electronic devices

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
5W B22	105.5	23.0	37.4
5W E14	109.0	23.0	37.4
5W E27	107.0	23.0	37.4
8W B22	105.5	35.0	44.4
8W E14	112.5	35.0	44.4
8W E27	107.0	35.0	44.4
11W B22	122.5	35.0	44.4
11W E14	115.5	35.0	44.4
11W E27	122.0	35.0	44.4
14W B22	130.3	35.0	44.4
14W E27	132.0	35.0	44.4
18W B22	133.5	41.0	48.4
18W E27	135.0	41.0	48.4



Econ Genie 5W B22



Genie 8W/11W E14



Genie 8W/14W/18W E27



Genie 8W/11W/18W B22

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Genie 5W CDL B22 220-240V 1CT	5	50/60	B22	220-240	6500	80	235	85	6000	55	GENIE5WCDLBC
Genie 5W CDL E14 220-240V 1CT	5	50/60	E14	220-240	6500	80	220	85	6000	50	GENIE5WCDLSES
Genie 5W CDL E27 110-127V 1PH	5	50/60	E27	110-127	6500	80	235	85	6000	55	GENIE5WLVCDES
Genie 5W CDL E27 220-240V 1CT	5	50/60	E27	220-240	6500	80	235	85	6000	55	GENIE5WCDLES
Genie 5W CDL E27 220-240V 1PH	5	50/60	E27	220-240	6500	80	235	85	6000	55	GENIE5WCDLES
Genie 5W WW B22 220-240V 1CT	5	50/60	B22	220-240	2700	82	250	85	6000	55	GENIE5WWWBC
Genie 5W WW E14 220-240V 1CT	5	50/60	E14	220-240	2700	82	230	85	6000	50	GENIE5WWWSES
Genie 5W WW E27 220-240V 1CT	5	50/60	E27	220-240	2700	82	230	85	6000	55	GENIE5WWWSES
Genie 8W CDL B22 220-240V 1CT	8	50/60	B22	220-240	6500	80	400	85	6000	70	GENIE8WCDLBC
Genie 8W CDL E14 220-240V 1CT	8	50/60	E14	220-240	6500	80	400	85	6000	65	GENIE8WCDLSES
Genie 8W CDL E27 110-127V 1PH	8	50/60	E27	110-127	6500	80	400	85	6000	70	GENIE8WLVCDES
Genie 8W CDL E27 220-240V 1CT	8	50/60	E27	220-240	6500	80	400	85	6000	70	GENIE8WCDLES
Genie 8W WW B22 220-240V 1CT	8	50/60	B22	220-240	2700	82	420	85	6000	70	GENIE8WWWBC
Genie 8W WW E14 220-240V 1CT	8	50/60	E14	220-240	2700	82	420	85	6000	65	GENIE8WWWSES
Genie 8W WW E27 110-127V 1PH	8	50/60	E27	110-127	2700	82	420	85	6000	70	GENIE8WLWWWSES
Genie 8W WW E27 220-240V 1CT	8	50/60	E27	220-240	2700	82	420	85	6000	70	GENIE8WWWSES
Genie 11W CDL B22 220-240V 1CT	11	50/60	B22	220-240	6500	80	570	85	6000	80	GENIE11WCDLBC
Genie 11W CDL E14 220-240V 1CT	11	50/60	E14	220-240	6500	80	570	85	6000	75	GENIE11WCDLSES
Genie 11W CDL E27 110-127V 1PH	11	50/60	E27	110-127	6500	80	570	85	6000	80	GENIE11WLVCDES
Genie 11W CDL E27 220-240V 1CT	11	50/60	E27	220-240	6500	80	570	85	6000	80	GENIE11WCDLESBL1
Genie 11W WW B22 220-240V 1CT	11	50/60	B22	220-240	2700	82	600	85	6000	80	GENIE11WWWBC
Genie 11W WW E14 220-240V 1CT	11	50/60	E14	220-240	2700	82	600	85	6000	75	GENIE11WWWSES
Genie 11W WW E27 110-127V 1PH	11	50/60	E27	110-127	2700	82	600	85	6000	80	GENIE11WLWWWSES
Genie 11W WW E27 220-240V 1CT	11	50/60	E27	220-240	2700	82	600	85	6000	80	GENIE11WWWSES
Genie 14W CDL B22 220-240V 1CT	14	50/60	B22	220-240	6500	80	760	85	6000	90	GENIE14WCDLBC
Genie 14W CDL E27 110-127V 1PH	14	50/60	E27	110-127	6500	80	760	85	6000	90	GENIE14WLVCDES
Genie 14W CDL E27 220-240V 1CT	14	50/60	E27	220-240	6500	80	760	85	6000	90	GENIE14WCDLES
Genie 14W WW B22 220-240V 1CT	14	50/60	B22	220-240	2700	82	810	85	6000	90	GENIE14WWWBC
Genie 14W WW E27 110-127V 1PH	14	50/60	E27	110-127	2700	82	800	85	6000	90	GENIE14WLWWWSES
Genie 14W WW E27 220-240V 1CT	14	50/60	E27	220-240	2700	82	1040	85	6000	95	GENIE14WWWSES
Genie 18W CDL B22 220-240V 1CT	18	50/60	B22	220-240	6500	80	1040	85	6000	95	GENIE18WCDLBC
Genie 18W CDL E27 220-240V 1CT	18	50/60	E27	220-240	6500	80	1040	85	6000	90	GENIE18WCDLES
Genie 18W WW B22 220-240V 1CT	18	50/60	B22	220-240	2700	82	1100	85	6000	95	GENIE18WWWBC
Genie 18W WW E27 220-240V 1CT	18	50/60	E27	220-240	2700	82	1100	85	6000	95	GENIE18WWWSES

Tornado



Tornado 20W E26/E27



Tornado 11W B22



Tornado 11W E26/E27

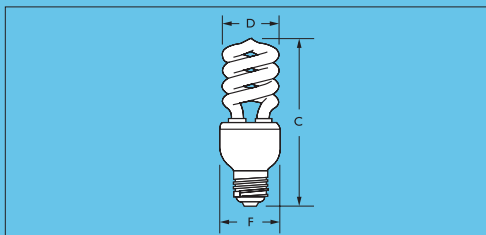


Tornado 15W B22



Tornado 15W E26/E27

Dimensions in mm



Product description

- The Helix range is a twist-shape compact fluorescent lamp, with optimal light distribution.
- It is available in 11W, 15W, 20W and 23W (25W), with lumen equivalence of 60W, 75W, 100W and 125W incandescent light bulb.
- It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K).
- It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation).
- It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Application

- The Helix range is widely used to replace incandescent light bulb at all kinds of applications, especially where require intensive light output.
- It is not suitable for dimming and electronic devices

Tornado

Tornado

Tornado

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
Tornado 11W CDL B22 220-240V 1CT	11	50/60	B22	220-240	6500	80
Tornado 11W CDL E27 220-240V 1CT	11	50/60	E27	220-240	6500	80
Tornado 11W WWW B22 220-240V 1CT	11	50/60	B22	220-240	2700	82
Tornado 11W WWW E27 220-240V 1CT	11	50/60	E27	220-240	2700	82
Tornado 15W CDL B22 220-240V 1CT	15	50/60	B22	220-240	6500	80
Tornado 15W CDL E27 220-240V 1CT	15	50/60	E27	220-240	6500	80
Tornado 15W WWW B22 220-240V 1CT	15	50/60	B22	220-240	2700	82
Tornado 15W WWW E27 220-240V 1CT	15	50/60	E27	220-240	2700	82
Tornado 20W CDL B22 220-240V 1CT	20	50/60	B22	220-240	6500	80
Tornado 20W CDL E27 220-240V 1CT	20	50/60	E27	220-240	6500	80
Tornado 20W WWW B22 220-240V 1CT	20	50/60	B22	220-240	2700	82
Tornado 20W WWW E27 220-240V 1CT	20	50/60	E27	220-240	2700	82
Tornado 23W CDL B22 220-240V 1CT	23	50/60	B22	220-240	6500	82
Tornado 23W CDL E27 220-240V 1CT	23	50/60	E27	220-240	6500	82
Tornado 23W WWW B22 220-240V 1CT	23	50/60	B22	220-240	2700	82
Tornado 23W WWW E27 220-240V 1CT	23	50/60	E27	220-240	2700	82

Product ID	Luminous Flux Lamp [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Tornado 11W CDL B22 220-240V 1CT	660	85	6000	65	TND11WCDLBC
Tornado 11W CDL E27 220-240V 1CT	660	85	6000	65	TND11WCDLES
Tornado 11W WWW B22 220-240V 1CT	700	85	6000	65	TND11WWWBC
Tornado 11W WWW E27 220-240V 1CT	700	85	6000	65	TND11WWWES
Tornado 15W CDL B22 220-240V 1CT	900	85	6000	70	TND15WCDLBC
Tornado 15W CDL E27 220-240V 1CT	900	85	6000	70	TND15WCDLES
Tornado 15W WWW B22 220-240V 1CT	1000	85	6000	70	TND15WWWBC
Tornado 15W WWW E27 220-240V 1CT	1000	85	6000	70	TND15WWWES
Tornado 20W CDL B22 220-240V 1CT	1250	85	6000	83	TND20WCDLBC
Tornado 20W CDL E27 220-240V 1CT	1250	85	6000	83	TND20WCDLES
Tornado 20W WWW B22 220-240V 1CT	1350	85	6000	83	TND20WWWBC
Tornado 20W WWW E27 220-240V 1CT	1350	85	6000	83	TND20WWWES
Tornado 23W CDL B22 220-240V 1CT	1450	85	6000	93	TND23WCDLBC
Tornado 23W CDL E27 220-240V 1CT	1450	85	6000	93	TND23WCDLES
Tornado 23W WWW B22 220-240V 1CT	1550	85	6000	93	TND23WWWBC
Tornado 23W WWW E27 220-240V 1CT	1550	85	6000	93	TND23WWWES

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
11W B22	114.5	47.0	44.4
11W E14	116.0	47.0	44.4
15W B22	126.5	47.0	44.4
15W E27	128.0	47.0	44.4
20W B22	133.5	50.0	48.4
20W E27	135.0	50.0	48.4
23W B22	139.5	50.0	48.4
23W E27	141.0	50.0	48.4



Essential 18W E27

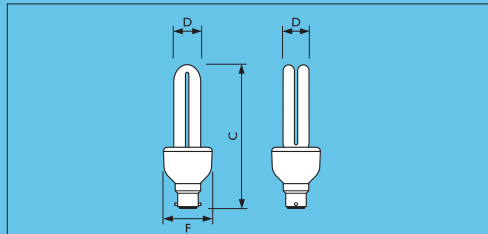


6W E14



8W/11W/14W B22

Dimensions in mm



Product description

- The Essential range is a standard stick-shape compact fluorescent lamp, with the lowest purchase price.
- It is available in 8W, 14W, 18W and 23W, with lumen equivalence of 40W, 75W, 100W and 125W incandescent light bulb.
- It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K).
It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation).
- It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Application

- The Essential range is widely used to replace incandescent light bulb at all kinds of general lighting applications.
- It is not suitable for dimming and electronic devices

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
6W E14	127.0	28.0	44.4
8W B22	140.5	28.0	44.4
8W E27	142.0	28.0	44.4
11W B22	155.5	28.0	44.4
11W E27	157.0	28.0	44.4
14W B22	170.5	28.0	44.4
14W E27	165.5	13.0	52.4
18W B22	165.5	43.0	52.4
18W E27	167.0	43.0	52.4
20W E27	170.0	43.0	52.4
23W B22	175.5	13.0	52.4
23W E27	190.0	43.0	52.4
25W E27	190.0	43.0	52.4

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Essential 6W CDL E14 12V UNP	6	50/60	E14	12	6500	80	250	85	6000	61	ESS6WCDLES
Essential 6W WWW E14 12V UNP	6	50/60	E14	12	2700	82	280	85	6000	61	ESS6WWWWES
Essential 8W CDL B22 220-240V 1CT	8	50/60	B22	220-240	6500	80	430	85	6000	80	ESS8WCDLBC
Essential 8W CDL E27 220-240V 1CT	8	50/60	E27	220-240	6500	80	380	85	6000	80	ESS8WCDLES
Essential 8W WWW B22 220-240V 1CT	8	50/60	B22	220-240	2700	82	460	85	6000	80	ESS8WWWWBC
Essential 8W WWW E27 220-240V 1CT	8	50/60	E27	220-240	2700	82	425	85	6000	80	ESS8WWWWES
Essential 14W CDL B22 220-240V 1CT	14	50/60	B22	220-240	6500	80	810	85	6000	100	ESS14WCDLBC
Essential 14W CDL B22 220-240V 1CT	14	50/60	B22	220-240	6500	80	810	85	6000	100	ESS14WCDLBC
Essential 14W WWW B22 220-240V 1CT	14	50/60	B22	220-240	2700	82	800	85	6000	100	ESS14WWWWBC
Essential 14W WWW E27 220-240V 1CT	14	50/60	E27	220-240	2700	82	800	85	6000	100	ESS14WWWWES
Essential 18W CDL B22 220-240V 1CT	18	50/60	B22	220-240	6500	80	1100	85	6000	125	ESS18WCDLBC
Essential 18W CDL E27 110-127V 1CT	18	50/60	E27	110-127	6500	80	1100	85	6000	125	ESS18WLVCDLES
Essential 18W CW E27 220-240V 1CT	18	50/60	E27	220-240	4100	82	1170	85	6000	125	ESS18WCWES
Essential 18W WWW B22 220-240V 1CT	18	50/60	B22	220-240	2700	82	1100	85	6000	125	ESS18WWWWBC
Essential 18W WWW E27 110-127V 1CT	18	50/60	E27	110-127	2700	82	1170	85	6000	125	ESS18WLVWWWES
Essential 18W WWW E27 220-240V 1CT	18	50/60	E27	220-240	2700	82	1100	85	6000	125	ESS18WWWWES
Essential 20W CDL E27 110-127V 1CT	20	50/60	E27	110-127	6500	80	1150	85	6000	115	ESS20WLVCDLES
Essential 20W CDL E27 220-240V 1CT	20	50/60	E27	220-240	6500	80	1200	85	6000	125	ESS20WCDLES
Essential 20W WWW E27 110-127V 1CT	20	50/60	E27	110-127	2700	82	1200	85	6000	115	ESS20WLVWWWES
Essential 20W WWW E27 220-240V 1CT	20	50/60	E27	220-240	2700	82	1250	85	6000	125	ESS20WWWWES
Essential 23W CDL B22 220-240V 1CT	23	50/60	B22	220-240	6500	80	1370	85	6000	120	ESS23WCDLBC
Essential 23W CDL E27 220-240V 1CT	23	50/60	E27	220-240	6500	80	1420	85	6000	120	ESS23WCDLES
Essential 23W WWW B22 220-240V 1CT	23	50/60	B22	220-240	2700	82	1450	85	6000	120	ESS23WWWWBC
Essential 23W WWW E27 220-240V 1CT	23	50/60	E27	220-240	2700	82	1500	85	6000	120	ESS23WWWWES
Essential 25W CDL E27 110-127V 1CT	25	50/60	E27	110-127	6500	80	1400	85	6000	130	ESS25WLVCDLES
Essential 25W WWW E27 110-127V 1CT	25	50/60	E27	110-127	2700	82	1500	85	6000	130	ESS25WLVWWWES
Essential 23W CDL E27 120V 1CT	25	50/60	E27	110-127	6500	80	1400	85	6000	130	ESS23WLVCDLES
Essential 23W WWW E27 120V 1CT	25	50/60	E27	110-127	2700	82	1500	85	6000	130	ESS23WLVWWWES

Reflector



Reflector 8W E26/E27

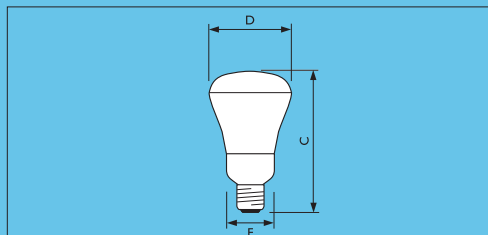


Reflector 11W E26/E27



Reflector 11W B22

Dimensions in mm



Product description

- The reflector range is a compact fluorescent lamp with aluminized reflector bulb.
- It is available in 8W and 11W, with lumen/Candela equivalence of 40W and 60W incandescent light bulb.
- It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K).
- It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation).
- It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Application

- The reflector range is widely used to replace incandescent reflector bulb at indoor fixtures, down lights and other applications to give focused lighting effects.
- It is not suitable for dimming and electronic devices

Reflector

Reflector

Reflector

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Beam Angle	Color Temperature [K]	Color Rendering Index [Ra]
Reflector 8W CDL E27 220-240V 1CT	8	50/60	E27	220-240	150	6500	80
Reflector 8W WWW E27 220-240V 1CT	8	50/60	E27	220-240	120	2700	82
Reflector 11W CDL E27 220-240V 1CT	11	50/60	E27	220-240	150	6500	80
Reflector 11W CDL B22 220-240V 1BL	11	50/60	B22	220-240	150	6500	80
Reflector 11W WWW E27 220-240V 1CT	11	50/60	E27	220-240	120	2700	82
Reflector 11W WWW B22 220-240V 1BL	11	50/60	B22	220-240	150	2700	82

Product ID	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Reflector 8W CDL E27 220-240V 1CT	320	80	6000	82	REF8WCDLES
Reflector 8W WWW E27 220-240V 1CT	280	80	6000	82	REF8WWWES
Reflector 11W CDL E27 220-240V 1CT	440	80	6000	90	REF11WCDLES
Reflector 11W CDL B22 220-240V 1BL	440	80	6000	90	REF11WCDLBCBL1
Reflector 11W WWW E27 220-240V 1CT	385	80	6000	90	REF11WWWES
Reflector 11W WWW B22 220-240V 1BL	460	80	6000	90	REF11WWWBCBL1

Product ID	Overall length	Diameter	Width
	C max.	D max.	F max.
8W E27	116.0	62.0	44.4
11W B22	124.5	65.0	44.4
11W E27	126.0	65.0	44.4

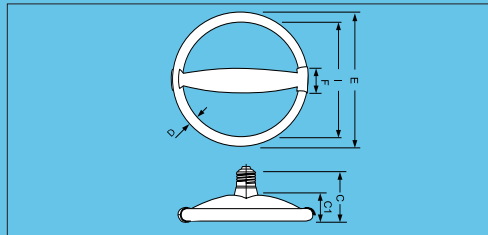


Circular B22



Circular E26/E27

Dimensions in mm

**Product description**

- Circular-shaped energy-saving lamp

Product feature

- Flat, low-weight long-life energy saving alternative to incandescent lamps
- Available in two color temperatures
- High intensity value of light
- Almost constant light output (>80%) over recommended temperature range

Product benefit

- Excellent light dispersion characteristics with high luminous flux
- 80 % energy saving compared to standard incandescent lamp
- Reliability over life

Application

- Designed for incandescent lamp replacement for general lighting in consumer and (semi-)professional applications – round, slim shape well suited to all shallow lampshades and pendant lamp fittings
- Not suitable for dimming and electronic devices

Preferred selection

Product ID	Rated Lamp Wattage [W]	Line Frequency [Hz]	Cap Base	Voltage [V]	Color Temperature [K]	Color Rendering Index [Ra]
Decotwist 22W CDL E27 110-127V 1CT	22	50/60	E27	110-127	6500	80
Decotwist 22W WW E27 110-127V 1CT	22	50/60	E27	110-127	2700	82
Decotwist 25W CDL B22 220-240V 1CT	25	50/60	B22	220-240	6500	80
Decotwist 25W CDL E27 220-240V 1CT	25	50/60	E27	220-240	6500	80
Decotwist 25W WW B22 220-240V 1CT	25	50/60	B22	220-240	2700	82
Decotwist 25W WW E27 220-240V 1CT	25	50/60	E27	220-240	2700	82
Decotwist 28W CDL E27 110-127V 1CT	28	50/60	E27	110-127	6500	80
Decotwist 28W WW E27 110-127V 1CT	28	50/60	E27	110-127	2700	82

Product ID	Luminous Flux Lamp EM/CuFe [lm]	Lumen Maintenance 2000h [%]	Life to 50% Failures [hrs]	Nett Weight Product In Grams [gr]	Comm Code
Decotwist 22W CDL E27 110-127V 1CT	1360	85	6000	165	DT22WLVCDLES
Decotwist 22W WW E27 110-127V 1CT	1450	85	6000	165	DT22WLVWWVES
Decotwist 25W CDL B22 220-240V 1CT	1700	85	6000	190	DT25WCDLBC
Decotwist 25W CDL E27 220-240V 1CT	1700	85	6000	190	DT25WCDLES
Decotwist 25W WW B22 220-240V 1CT	1800	85	6000	190	DT25WWWBC
Decotwist 25W WW E27 220-240V 1CT	1800	85	6000	190	DT25WWWVES
Decotwist 28W CDL E27 110-127V 1CT	1850	85	6000	190	DT28WLVCDLES
Decotwist 28W WW E27 110-127V 1CT	1950	85	6000	190	DT28WLVWWVES

Product ID	Overall length	Diameter	Overall width	Width
	C max.	D max.	E max.	F max.
22W E27	77.5	17.5	186.2	42.0
25W B22	76.0	17.5	227.2	42.0
25W E27	77.5	17.5	227.2	42.0