

## CFL.Spiral 20W

### 20W B22/E27 Compact Fluorescent Lamp



#### Product Overview

Kosnic's CFL Spiral lamps have a unique helix structure which allows the fluorescent tube to be twisted into a very compact size, giving enhanced lumen efficiency. The Kosnic CFL Spirals are ideal for general lighting applications, replacing incandescent lamps in demanding domestic and professional settings.

#### Features

- Compact helix shape.
- Popular B22 and E27 caps.
- Save energy up to 80% compared with filament lamp.
- High lumen output.
- Long life of 8,000h.
- Amalgam mercury.

#### Safety and Maintenance

- Switch off supply before installing or removing lamp.
- Allow to cool before handling.
- Do not use in totally enclosed fittings as this will reduce lamp life.
- Do not dispose of in household waste.
- Dispose of in appropriate section of local civic amenity site or recycling centre.

## Specifications – B22 Cap

Product Code	ECO20SP2/B22-827	ECO20SP2/B22-840	ECO20SP2/B22-865
Lamp Cap	B22	B22	B22
Lamp Shape	Spiral	Spiral	Spiral
Nominal Power (W)	20	20	20
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	158	158	158
Nominal Luminous Flux (lm)	1100	1100	1100
CCT (K)	2700K Warm White	4000K Cool White	6500K Day Light
Nominal Lifetime (h)	8000	8000	8000
Dimmable	No	No	No
Switching Cycles	10000	10000	10000
Warm-up time to 60% (S)	60	60	60
Length (mm)	123	123	123
Diameter (mm)	49	49	49
Mercury (mg)	2.0	2.0	2.0
Clean-up instructions	See website	See website	See website
Retrofit	No	No	No
Equivalent Wattage (W)	83	83	83
Rated Power (W)	20.0	20.0	20.0
Rated Luminous Flux (lm)	1100	1100	1100
Rated Lifetime (h)	8000	8000	8000
Power Factor	0.55	0.55	0.55
Rated Peak Candelas (cd)	80	80	80
Lumen Maintenance Factor at Nominal Lifetime	0.75	0.75	0.75
CRI	81	88	88
Start Time (s)	0.20	0.20	0.20
Ambient Temperature Range (°C)	-20 to 40	-20 to 40	-20 to 40

## Energy Label – B22 Cap

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	ECO20SP2/B22-827	ECO20SP2/B22-840	ECO20SP2/B22-865
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	20.00 (20)*	20.00 (20)*	20.00 (20)*

\* The kWh/1000h value published on the energy label is required to be rounded up to an integer according to the EU implementing directive on Energy Labelling. The value to 2 decimal places is given for reference.

## Product Markings – B22 Cap

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	ECO20SP2/B22-827	ECO20SP2/B22-840	ECO20SP2/B22-865
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	20	20	20
Current (mA)	158	158	158
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

Specifications – E27 Cap

Product Code	ECO20SP2/E27-827	ECO20SP2/E27-840	ECO20SP2/E27-865
Lamp Cap	E27	E27	E27
Lamp Shape	Spiral	Spiral	Spiral
Nominal Power (W)	20	20	20
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Current (mA)	158	158	158
Nominal Luminous Flux (lm)	1100	1100	1100
CCT (K)	2700K Warm White	4000K Cool White	6500K Day Light
Nominal Lifetime (h)	8000	8000	8000
Dimmable	No	No	No
Switching Cycles	10000	10000	10000
Warm-up time to 60% (S)	60	60	60
Length (mm)	123	123	123
Diameter (mm)	49	49	49
Mercury (mg)	2.0	2.0	2.0
Clean-up instructions	See website	See website	See website
Retrofit	No	No	No
Equivalent Wattage (W)	83	83	83
Rated Power (W)	20.0	20.0	20.0
Rated Luminous Flux (lm)	1100	1100	1100
Rated Lifetime (h)	8000	8000	8000
Power Factor	0.55	0.55	0.55
Rated Peak Candelas (cd)	80	80	80
Lumen Maintenance Factor at Nominal Lifetime	0.75	0.75	0.75
CRI	81	88	88
Start Time (s)	0.20	0.20	0.20
Ambient Temperature Range (°C)	-20 to 40	-20 to 40	-20 to 40

Energy Label – E27 Cap

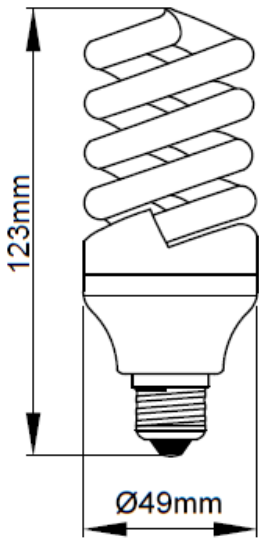
Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	ECO20SP2/E27-827	ECO20SP2/E27-840	ECO20SP2/E27-865
Energy Class	A	A	A
Energy Consumption (kWh/1000h)	20.00 (20)*	20.00 (20)*	20.00 (20)*

\* The kWh/1000h value published on the energy label is required to be rounded up to an integer according to the EU implementing directive on Energy Labelling. The value to 2 decimal places is given for reference.

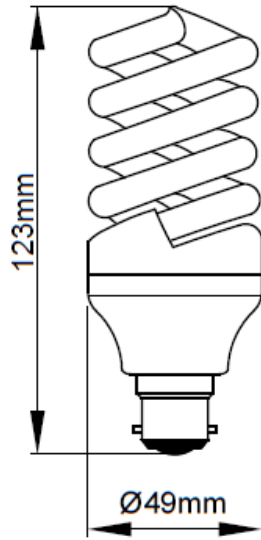
Product Markings – E27 Cap

Manufacturer	Kosnic	Kosnic	Kosnic
Product Code	ECO20SP2/E27-827	ECO20SP2/E27-840	ECO20SP2/E27-865
Voltage	220-240Vac 50-60Hz	220-240Vac 50-60Hz	220-240Vac 50-60Hz
Nominal Power (W)	20	20	20
Current (mA)	158	158	158
CE Mark	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes

## Dimensions



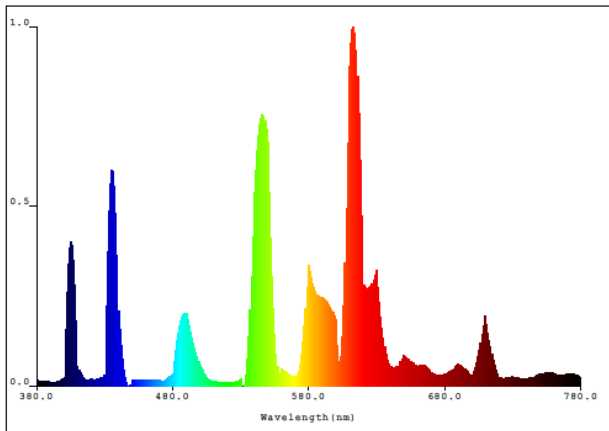
ECO20SP2/E27



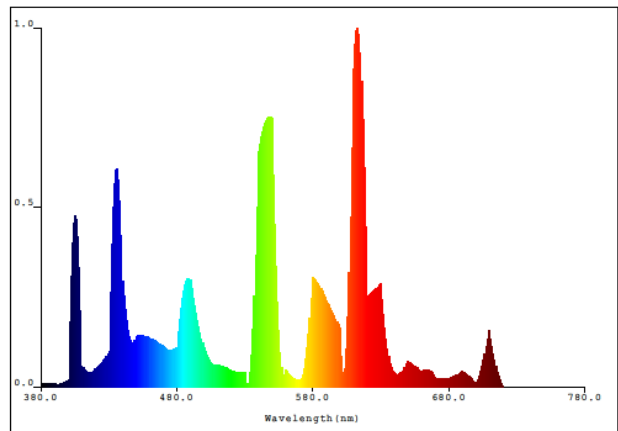
ECO20SP2/B22

## Photometric Information

2700K



4000K



6500K

