

# LED Filament Gen2

*We bring innovation to light!*

Product licensee of trademark  
OSRAM in general lighting

**OSRAM** 



## LED Filament Gen2



### PRODUCT BENEFITS

- Low energy consumption
- Resist to dust and moisture
- High color consistency thanks to narrow binning
- Full glass design similar to traditional lamp
- Instant 100 % light, no warm-up time
- Reliable quality created by over 100 years lighting brand

### PRODUCT FEATURES

- Dimmable is available
- High efficacy up to 124 lm/w
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity
- High color consistency: < 6 SDCM
- Mercury-free lamps
- UV and IR radiation free

### AREAS OF APPLICATION

- Decorative applications
- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires
- Operating temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)

### TECHNICAL DATA

Short text	EAN10	Rated Wattage (W)	Rated Lamp Current (mA)	Equivalent to GLS Wattage (W)	Rated lumen (lm)	Lm/w	Rated Power factor (PF)	Switching cycles	Lifetime (h)	CRI (Ra)	SDCM	Start up time (s)	Average Beam angle	Base	Dimmable	Color temp. [K]	Product weight (g)	Length Rated value (mm)	Diameter Rated value (mm)
LPCLADIM8.5W/827230VGLFRE2710X1G2AUOSRAM	4058075302228	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	2700	30	104	60
LPCLADIM8.5W/827230GLFRB22D10X1G2AUOSRAM	4058075307285	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	2700	30	102	60
LPCLADIM8.5W/840230VGLFRE2710X1G2AUOSRAM	4058075302242	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	4000	30	104	60
LPCLADIM8.5W/840230GLFRB22D10X1G2AUOSRAM	4058075307308	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	4000	30	102	60
LPCLADIM8.5W/865230VGLFRE2710X1G2AUOSRAM	4058075307322	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	6500	30	104	60
LPCLADIM8.5W/865230GLFRB22D10X1G2AUOSRAM	4058075307346	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	6500	30	102	60
LPCLADIM 8.5W/827230VFILE2710X1G2AUOSRAM	4058075302204	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	2700	30	104	60
LPCLADIM8.5W/827230VFILE22D10X1G2AUOSRAM	4058075307155	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	2700	30	102	60
LPCLADIM 8.5W/840230VFILE2710X1G2AUOSRAM	4058075307179	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	4000	30	104	60
LPCLADIM8.5W/840230VFILE22D10X1G2AUOSRAM	4058075307223	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	4000	30	102	60
LPCLADIM 8.5W/865230VFILE2710X1G2AUOSRAM	4058075307247	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	E27	Y	6500	30	104	60
LPCLADIM8.5W/865230VFILE22D10X1G2AUOSRAM	4058075307261	75	40	75	1055	14	>0.7	100,000	15,000	80	<6	<0.5	300	B22D	Y	6500	30	102	60

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### LIGHTING APPLICATION



### LAMP CONFORMITY

- IEC 62560 Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications
- IEC 62471/ GB/T20145 Photo biological safety of lamps
- EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2 Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)
- EN 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection
- EN 61547 Equipment for general lighting purposes - EMC immunity requirements
- LED lamps can be operated with a wide variety of commercially-available dimmers; details and results of compatibility tests can be seen at <https://www.ledvance.com/services-and-tools/services/led-lamps-compatibility/dimming-conformity/index.jsp>

### DISPOSAL INFORMATION

- Lamps with WEEE sign can be returned at specific collection points.
- LED lamps have to be disposed as special waste



1. All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light-emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value

2. L70B50 is the average operating life of the LED Lamp during which the luminous flux is greater than or equal to 70% of the initial luminous flux, for 50% of the population. The lifetime is estimated at room temperature (25deg C), free air burning, base up position and at rated voltage

3. The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)