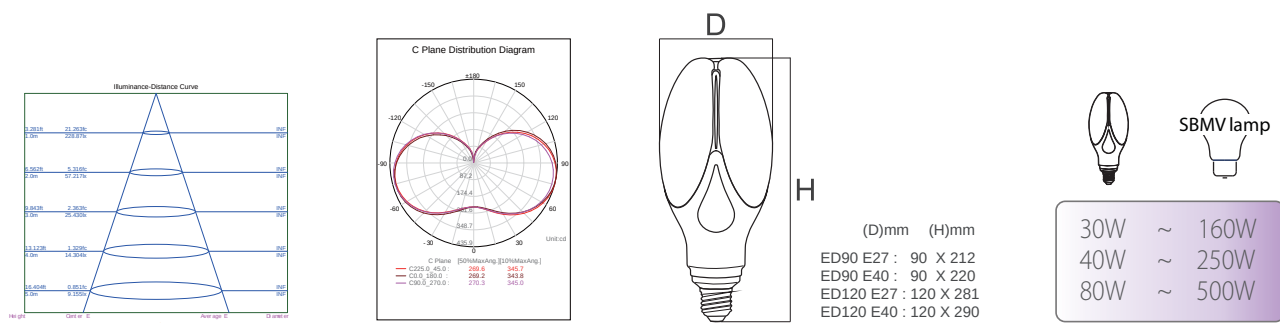


Line Voltage LED Lamp Bulb

LED HP ED Series

Features

- Extremely energy saving with low power consumption
- Perfectly retrofit traditional MV/SBMV/CFL lamps
- No mercury and hazardous substances
- Suitable for enclosed fixtures
- Unique double driver design guarantee longer lifetime
- Available in CCT 2200K/3000K/4000K/5000K/6500K
- Optional E27-E40 adapter, Easy for installation
- Not Suitable for horizontal use
- Used in garden lighting, street lighting, road lighting



LED ED90 / ED120



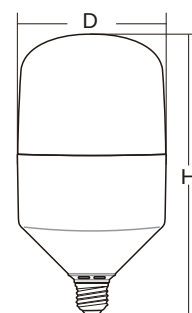
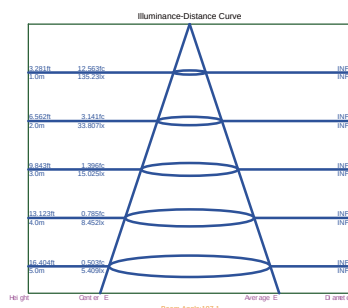
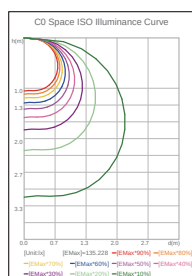
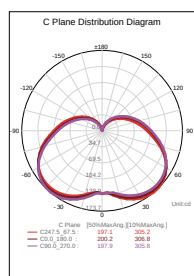
Model	Voltage	Power	Base	Color Temp.	CRI	Beam Angle	Luminous Flux
ZL-ED90 SMD-30W	220-240V	30W	E27/E40	3000K	>80	300°	2700 lm
ZL-ED90 SMD-30W	220-240V	30W	E27/E40	4000K	>80	300°	2900 lm
ZL-ED90 SMD-30W	220-240V	30W	E27/E40	6500K	>80	300°	3000 lm
ZL-ED90 SMD-40W	220-240V	40W	E27/E40	3000K	>80	300°	3700 lm
ZL-ED90 SMD-40W	220-240V	40W	E27/E40	4000K	>80	300°	3900 lm
ZL-ED90 SMD-40W	220-240V	40W	E27/E40	6500K	>80	300°	4100 lm
ZL-ED120 SMD-60W	220-240V	60W	E27/E40	3000K	>80	300°	5400 lm
ZL-ED120 SMD-60W	220-240V	60W	E27/E40	4000K	>80	300°	6000 lm
ZL-ED120 SMD-60W	220-240V	60W	E27/E40	6500K	>80	300°	6100 lm
ZL-ED120 SMD-70W	220-240V	70W	E27/E40	3000K	>80	300°	6300 lm
ZL-ED120 SMD-70W	220-240V	70W	E27/E40	4000K	>80	300°	7000 lm
ZL-ED120 SMD-70W	220-240V	70W	E27/E40	6500K	>80	300°	7100 lm
ZL-ED120 SMD-80W	220-240V	80W	E27/E40	3000K	>80	300°	7200 lm
ZL-ED120 SMD-80W	220-240V	80W	E27/E40	4000K	>80	300°	8000 lm
ZL-ED120 SMD-80W	220-240V	80W	E27/E40	6500K	>80	300°	8100 lm

Line Voltage LED Lamp Bulb

LED HP T Series

Features

- Extremely energy saving with low power consumption
- Excellent thermal management by aluminum housing
- Perfectly retrofit traditional energy saving lamps
- No warm up time at instant full light
- Widely used for indoor, commercial, low / high bay lighting
- Good color rendition, Ra >80



		(D)mm	(H)mm
T80	E27	80	150
T100	E27	100	190
T120	E27	120	223
T140	E27	140	275
T160	E27	160	285



Model	Voltage	Power	Base	Power Factor	Color Temp.	CRI	Beam Angle	Luminous Flux
ZL-T80-SMD-20W	100-265V	20W	E27	>0.9	3000K	>80	180°	1710 lm
ZL-T80-SMD-20W	100-265V	20W	E27	>0.9	4000K	>80	180°	1800 lm
ZL-T80-SMD-20W	100-265V	20W	E27	>0.9	6500K	>80	180°	1900 lm
ZL-T100-SMD-30W	100-265V	30W	E27	>0.9	3000K	>80	180°	2560 lm
ZL-T100-SMD-30W	100-265V	30W	E27	>0.9	4000K	>80	180°	2700 lm
ZL-T100-SMD-30W	100-265V	30W	E27	>0.9	6500K	>80	180°	2800 lm
ZL-T120-SMD-40W	100-265V	40W	E27	>0.9	3000K	>80	180°	3420 lm
ZL-T120-SMD-40W	100-265V	40W	E27	>0.9	4000K	>80	180°	3600 lm
ZL-T120-SMD-40W	100-265V	40W	E27	>0.9	6500K	>80	180°	3700 lm
ZL-T140-SMD-50W	100-265V	50W	E27/E40	>0.9	3000K	>80	180°	4270 lm
ZL-T140-SMD-50W	100-265V	50W	E27/E40	>0.9	4000K	>80	180°	4500 lm
ZL-T140-SMD-50W	100-265V	50W	E27/E40	>0.9	6500K	>80	180°	4600 lm
ZL-T140-SMD-60W	100-265V	60W	E27/E40	>0.9	3000K	>80	180°	5130 lm
ZL-T140-SMD-60W	100-265V	60W	E27/E40	>0.9	4000K	>80	180°	5400 lm
ZL-T140-SMD-60W	100-265V	60W	E27/E40	>0.9	6500K	>80	180°	5500 lm
ZL-T140-SMD-80W	100-265V	80W	E27/E40	>0.9	3000K	>80	180°	6840 lm
ZL-T140-SMD-80W	100-265V	80W	E27/E40	>0.9	4000K	>80	180°	7200 lm
ZL-T140-SMD-80W	100-265V	80W	E27/E40	>0.9	6500K	>80	180°	7300 lm
ZL-T160-SMD-100W	100-265V	100W	E27/E40	>0.9	3000K	>80	180°	8100 lm
ZL-T160-SMD-100W	100-265V	100W	E27/E40	>0.9	4000K	>80	180°	8500 lm
ZL-T160-SMD-100W	100-265V	100W	E27/E40	>0.9	6500K	>80	180°	8600 lm

Line Voltage LED Lamp Bulb

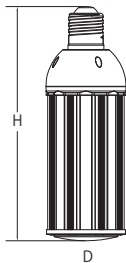
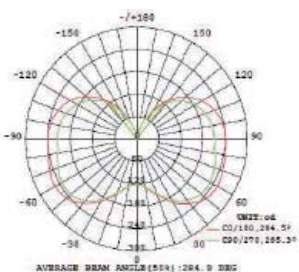
LED HP Corn Lamp

Features

- Perfectly retrofit HID lamps with similar lumen output
- Suitable for enclosed fixtures
- Suitable for damp location
- Surge protection degree 2.5kV
- Heat and impact resistant, UV protected, non yellowing
- 120-240 input voltage
- No warm-up time, instant-on with full light output
- 35,000 hours rated life
- Limited 3 to 5 years warranty
- Applications: high bay, low bay, bollards, decorative post top and walkway lighting.



18W	~	40W	/	35W
25W	~	45W	/	50W
35W	~	75W	/	70W
45W	~	100W	/	100W
54W	~	100W	/	150W
75W	~	120W	/	150W
75W	~	120W	/	150W



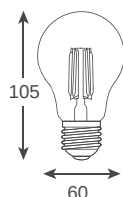
	Weight	D	H	Base
18W	300g	144.60	70	E27
25W	340g	167.60	70	E27
35W	370g	196.60	70	E27
45W	680g	222.71	92.8	E27
54W	730g	255.91	92.8	E27
75W	810g	285.91	92.8	E27
45W	680g	222.71	92.8	E40
54W	730g	271.71	92.8	E40
75W	810g	301.71	92.8	E40



Model	Voltage	Base	Power	Color Temp.	CRI	Power Factor	Luminous Flux	Efficiency
ZL-BWEC20	100-240V	E27	20W	3000K / 4000K / 6500K	>80	>0.95	2000 lm	100 lm/W
ZL-BWEC25	100-240V	E27	25W	3000K / 4000K / 6500K	>80	>0.95	3000 lm	120 lm/W
ZL-BWEC35	100-240V	E27	35W	3000K / 4000K / 6500K	>80	>0.95	4000 lm	133 lm/W
ZL-BWEC45	100-240V	E27/E40	45W	3000K / 4000K / 6500K	>80	>0.95	5000 lm	111 lm/W
ZL-BWEC54	100-240V	E27/E40	54W	3000K / 4000K / 6500K	>80	>0.95	6000 lm	111 lm/W
ZL-BWEC75A	100-240V	E27/E40	75W	3000K / 4000K / 6500K	>80	>0.95	8000 lm	106 lm/W
ZL-BWEC75B	100-240V	E27/E40	75W	3000K / 4000K / 6500K	>80	>0.95	10000 lm	133 lm/W

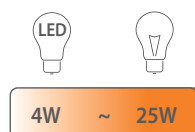
Line Voltage LED Lamp Bulb

Color Filament-LED A60



Model	Voltage	Wattage	Base	Color
ZL-A60 FIL-4W-G-CL-RE	220 - 240V	4W	E27 / B22d	Red
ZL-A60 FIL-4W-G-CL-OR	220 - 240V	4W	E27 / B22d	Orange
ZL-A60 FIL-4W-G-CL-YE	220 - 240V	4W	E27 / B22d	Yellow
ZL-A60 FIL-4W-G-CL-GR	220 - 240V	4W	E27 / B22d	Green
ZL-A60 FIL-4W-G-CL-BL	220 - 240V	4W	E27 / B22d	Blue
ZL-A60 FIL-4W-G-CL-PP	220 - 240V	4W	E27 / B22d	Purple
ZL-A60 FIL-4W-G-CL-PK	220 - 240V	4W	E27 / B22d	Pink

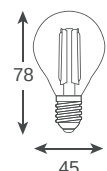
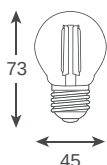
* A55 available on same rating.



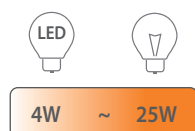
- Extremely energy saving with low power consumption
- Color filament gives vivid light for decoration purposes
- Full glass version A60/G45 perfect retrofit traditional lamps with same appearance/dimensions

- Good color rendition, Ra ≥80
- Overall light distribution

Color Filament-LED Round



Model	Voltage	Wattage	Base	Color
ZL-G45 FIL-4W-G-CL-RE	220 - 240V	4W	E14 / B15d / E27 / B22d	Red
ZL-G45 FIL-4W-G-CL-OR	220 - 240V	4W	E14 / B15d / E27 / B22d	Orange
ZL-G45 FIL-4W-G-CL-YE	220 - 240V	4W	E14 / B15d / E27 / B22d	Yellow
ZL-G45 FIL-4W-G-CL-GR	220 - 240V	4W	E14 / B15d / E27 / B22d	Green
ZL-G45 FIL-4W-G-CL-BL	220 - 240V	4W	E14 / B15d / E27 / B22d	Blue
ZL-G45 FIL-4W-G-CL-PP	220 - 240V	4W	E14 / B15d / E27 / B22d	Purple
ZL-G45 FIL-4W-G-CL-PK	220 - 240V	4W	E14 / B15d / E27 / B22d	Pink

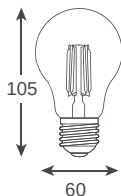


- Extremely energy saving with low power consumption
- Color filament gives vivid light for decoration purposes
- Full glass version A60/G45 perfect retrofit traditional lamps with same appearance/dimensions

- Good color rendition, Ra ≥80
- Overall light distribution

Line Voltage LED Lamp Bulb

Filament- LED A60



Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-A60 FIL-4W-CL	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-A60 FIL-6W-CL	220 - 240V	6W	E27 / B22d	2700K	600lm	A++
ZL-A60 FIL-7W-CL	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-A60 FIL-4W-CL-DIM	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-A60 FIL-6W-CL-DIM	220 - 240V	6W	E27 / B22d	2700K	600lm	A++
ZL-A60 FIL-7W-CL-DIM	220 - 240V	7W	E27 / B22d	2700K	800lm	A++

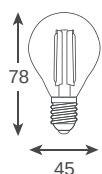
* A55 available on same rating.



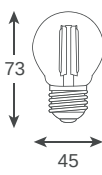
4W ~ 40W
6W ~ 59W
7W ~ 59W



Filament- LED Round



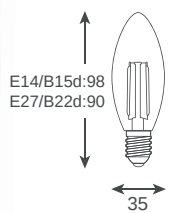
Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-G45 FIL-2W-CL	220 - 240V	2W	E14 / E27	2700K	200lm	A++
ZL-G45 FIL-4W-CL	220 - 240V	4W	E14 / E27	2700K	400lm	A++
ZL-G45 FIL-4W-CL-DIM	220 - 240V	4W	E14 / E27	2700K	400lm	A++



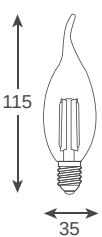
2W ~ 25W
4W ~ 40W



Filament- LED Candle / Turntip



Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-C35 FIL-2W-CL	220 - 240V	2W	E14 / E27	2700K	200lm	A++
ZL-C35 FIL-4W-CL	220 - 240V	4W	E14 / E27	2700K	400lm	A++
ZL-C35 FIL-4W-CL-DIM	220 - 240V	4W	E14 / E27	2700K	400lm	A++
ZL-C35T FIL-2W-CL	220 - 240V	2W	E14 / E27	2700K	200lm	A++
ZL-C35T FIL-4W-CL	220 - 240V	4W	E14 / E27	2700K	400lm	A++
ZL-C35T FIL-4W-CL-DIM	220 - 240V	4W	E14 / E27	2700K	400lm	A++

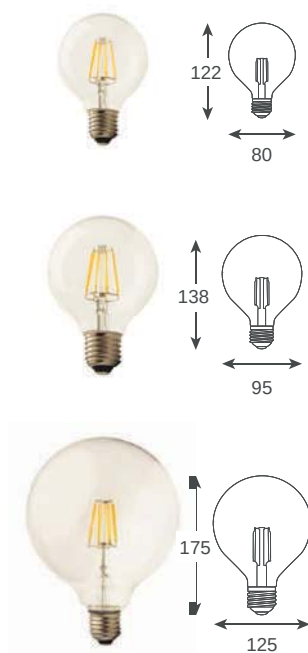


2W ~ 25W
4W ~ 40W

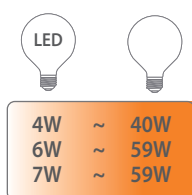


Line Voltage LED Bulb

Filament- LEDGlobe



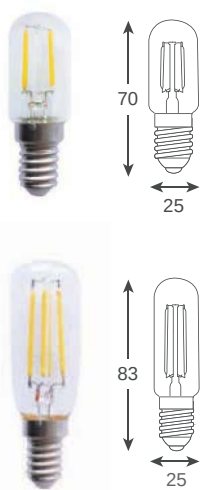
Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-G80 FIL-4W-CL	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G80 FIL-7W-CL	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-G95 FIL-4W-CL	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G95 FIL-7W-CL	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-G125 FIL-4W-CL	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G125 FIL-7W-CL	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-G80 FIL-4W-CL DIM	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G80 FIL-7W-CL DIM	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-G95 FIL-4W-CL DIM	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G95 FIL-7W-CL DIM	220 - 240V	7W	E27 / B22d	2700K	800lm	A++
ZL-G125 FIL-4W-CL DIM	220 - 240V	4W	E27 / B22d	2700K	400lm	A++
ZL-G125 FIL-7W-CL DIM	220 - 240V	7W	E27 / B22d	2700K	800lm	A++



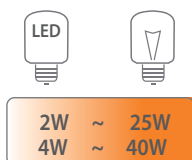
- Extremely energy saving with low power consumption
- Filament-like LED gives perfect light effect in all directions
- Full glass version G80/G95/G125 perfect retrofit traditional lamps with same appearance/performance/dimensions

- Opal and frosted finishing are available
- Good color rendition, Ra ≥80
- CCT 4000K also available

Filament- LEDT25



Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-T25 FIL-2W-CL	220 - 240V	2W	E14/E27	2700K	200lm	A++
ZL-T25 FIL-4W-CL	220 - 240V	4W	E14/E27	2700K	400lm	A++

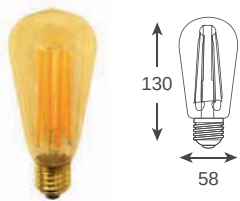


- Extremely energy saving with low power consumption
- Filament-like LED gives perfect light effect in all directions
- Full glass version T25 perfect retrofit traditional lamps with same appearance/performance/dimensions

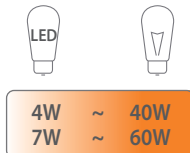
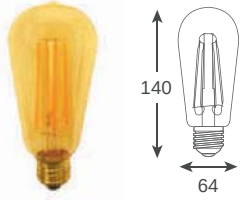
- Operation temperature -20°C to 60°C
- Suitable for Refrigerator light, Cooker hood light and Night light
- Good color rendition, Ra ≥80

Line Voltage LED Bulb

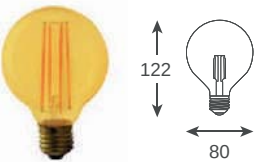
Long Filament- LED^{ST58 / ST64}



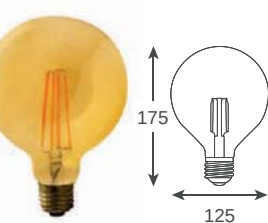
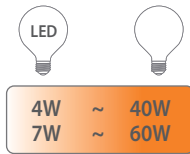
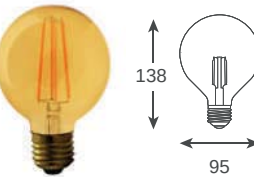
Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-ST58-FIL-4W-AM-DIM	220 - 240V	4W	E27 / B22d	2200K	360lm	A ⁺
ZL-ST58-FIL-7W-AM-DIM	220 - 240V	7W	E27 / B22d	2200K	630lm	A ⁺
ZL-ST64-FIL-4W-AM-DIM	220 - 240V	4W	E27 / B22d	2200K	360lm	A ⁺
ZL-ST64-FIL-7W-AM-DIM	220 - 240V	7W	E27 / B22d	2200K	630lm	A ⁺



Long Filament- LED^{Globe}



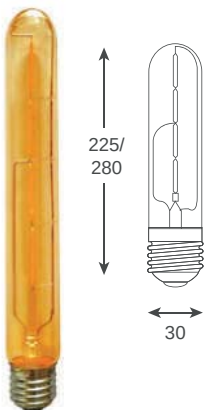
Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-G80-FIL-4W-AM-DIM	220 - 240V	4W	E27 / B22d	2200K	360lm	A ⁺
ZL-G80-FIL-7W-AM-DIM	220 - 240V	7W	E27 / B22d	2200K	630lm	A ⁺
ZL-G95-FIL-4W-AM-DIM	220 - 240V	4W	E27 / B22d	2200K	360lm	A ⁺
ZL-G95-FIL-7W-AM-DIM	220 - 240V	7W	E27 / B22d	2200K	630lm	A ⁺
ZL-G125-FIL-4W-AM-DIM	220 - 240V	4W	E27 / B22d	2200K	360lm	A ⁺
ZL-G125-FIL-7W-AM-DIM	220 - 240V	7W	E27 / B22d	2200K	630lm	A ⁺



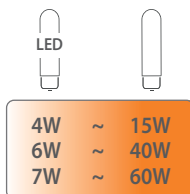
Special design of long filament LED to simulate traditional carbon filament lamps
 · Extremely energy saving with low power consumption
 Filament-like LED gives perfect light effect in all directions

- Special Warm Tone 2200K for decorative purposes
- Good color rendition, Ra ≥ 80 / 90
- CCT 1800K also available
- Overall light distribution

Filament-LED^{T30}



Model	Voltage	Wattage	Base	Color Temp	Lumen	
ZL-T30FIL-4W-G-AM	220 - 240V	4W	E27	2200K	360lm	A ⁺
ZL-T30FIL-7W-G-AM	220 - 240V	7W	E27	2200K	630lm	A ⁺

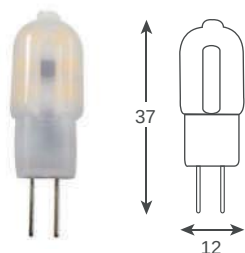


- Extremely energy saving with low power consumption
- Filament-like LED gives perfect light effect in all directions
- Special Warm Tone 2200K for decorative purposes

- Overall light distribution
- Good color rendition, Ra ≥ 80
- CCT 1800K also available

Low Voltage LED Lamp Bulb

TP Multi-LED G4



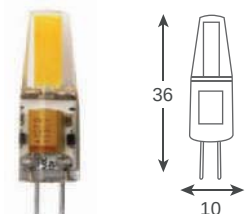
Model	Voltage	Wattage	Base	Color Temp	Lumen 2700K / 6500K	
ZL-G4-GJ-007	AC/DC 12V	1.5W	G4	2700K/3000K/4000K/6500K	130lm	A++



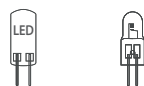
1.5W ~ 18W



LED COB G4



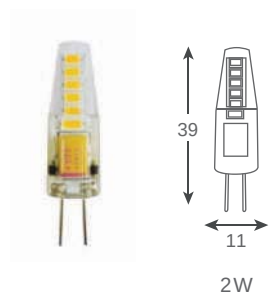
Model	Voltage	Wattage	Base	Color Temp	Lumen 2700K / 6500K	
ZL-G4-GJ-010	AC/DC 12V	1.5W	G4	2700K/3000K/4000K/6500K	150lm	A++



1W ~ 12W
2W ~ 18W



Multi-LED G4



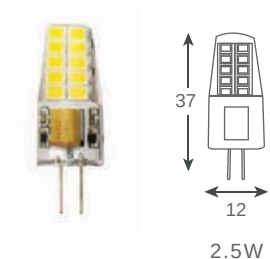
Model	Voltage	Wattage	Base	Color Temp	Lumen 2700K / 6500K	
ZL-G4-GJ-008	AC/DC 12V	1.5W	G4	2700K/3000K/4000K/6500K	180lm	A++



2W



Multi-LED G4



Model	Voltage	Wattage	Base	Color Temp	Lumen 2700K / 6500K	
ZL-G4-GJ-009	AC/DC 12V	2.5W	G4	2700K/3000K/4000K/6500K	250lm	A++



2W ~ 22W
2.5W ~ 22W

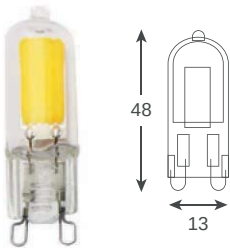


- Extremely energy saving with low power consumption
- Perfect replacing traditional halogen lamps with compact size
- Overall light distribution

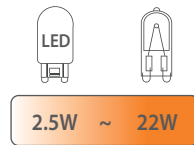
- Suitable for operation with all magnetic transformers, LED drivers and most electronic ballasts
- Good color rendition, Ra ≥80

Line Voltage LED Lamp Bulb

LED COB G9



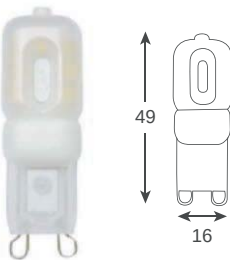
Model	Voltage	Wattage	Base	Color Temp	Lumen 4000K	
ZL-G9-BL-001	220-240V	2W	G9	2700K 3000K 4000K 6500K	200lm	A+ / A++
ZL-G9-BL-002	220-240V	3W	G9	2700K 3000K 4000K 6500K	300lm	A+ / A++
ZL-G9-BL-003	220-240V	3.5W	G9	2700K 3000K 4000K 6500K	400lm	A+ / A++



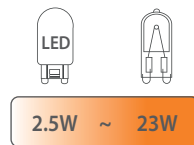
- Extremely energy saving with low power consumption
- Overall light distribution
- Good color rendition, Ra ≥80

- Universal burning position
- Lamp weight <12g comply with IEC G9 requirement
- Full glass version perfect retrofit traditional G9 with same appearance / performance / dimensions

TP Multi-LED G9



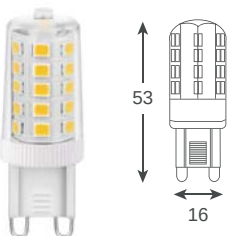
Model	Voltage	Wattage	Base	Color Temp	Lumen 4000K	
ZL-G9-SL-007	220-240V	2.5W	G9	2700K 3000K 4000K 6500K	180lm	A+ / A++



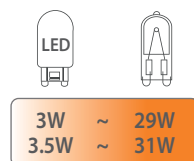
- Extremely energy saving with low power consumption
- Overall light distribution

- Universal burning position
- Lamp weight <12g comply with IEC G9 requirement
- Good color rendition, Ra ≥80

Ceramic Multi-LED G9



Model	Voltage	Wattage	Base	Color Temp	Lumen 4000K	
ZL-G9-SL-002	220-240V	3W	G9	2700K 3000K 4000K 6500K	350lm	A+ / A++
ZL-G9-SL-004	220-240V	4.5W	G9	2700K 3000K 4000K 6500K	430lm	A+ / A++
ZL-G9-SL-015	220-240V	7W	G9	2700K 3000K 4000K 6500K	700lm	A+ / A++
ZL-G9-DIM-001	220-240V	3W	G9	2700K 3000K 4000K 6500K	300lm	A+ / A++



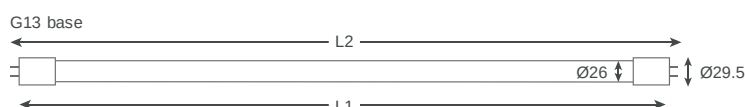
- Extremely energy saving with low power consumption
- Overall light distribution
- Excellent thermal conductivity
- Universal burning position

- Lamp weight <12g comply with IEC G9 requirement
- Step dimming option with 100%, 50% and 10% adjustable lumen output
- Good color rendition, Ra ≥80

LED TUBULAR LAMPS

Features

- Energy saving with low power consumption
- Perfect retrofit traditional fluorescent tubes
- Good color rendition, Ra >80
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Direct retrofit for magnetic ballast circuit
- Full glass body with wide beam angle
- Voltage: 220-240Vac, 50/60Hz, Power Factor: 0.9



(Unit:mm)	(L1)	(L2)
9W	588	602
12W	894	906
18W	1198	1212
24W	1500	1513

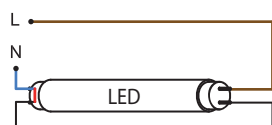


LED T8 TUBULAR Lamps - EU Pro (AC + CCG)

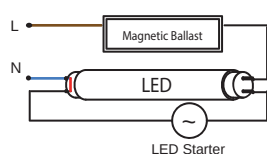
Model	Voltage	Wattage	Color Temp	Ra	Beam Angle	Power Factor	Wiring	Luminous Flux	Efficiency
ZL-LED F9T8/830/G/600	220-240V	9W	3000K	>80	280°	>0.9	AC + CCG	810 lm	90lm/W
ZL-LED F9T8/840/G/600	220-240V	9W	4000K	>80	280°	>0.9	AC + CCG	855 lm	95lm/W
ZL-LED F9T8/865/G/600	220-240V	9W	6500K	>80	280°	>0.9	AC + CCG	900 lm	100lm/W
ZL-LED F12T8/830/G/900	220-240V	12W	3000K	>80	280°	>0.9	AC + CCG	1080 lm	90lm/W
ZL-LED F12T8/840/G/900	220-240V	12W	4000K	>80	280°	>0.9	AC + CCG	1140 lm	95lm/W
ZL-LED F12T8/865/G/900	220-240V	12W	6500K	>80	280°	>0.9	AC + CCG	1200 lm	100lm/W
ZL-LED F18T8/830/G/1200	220-240V	18W	3000K	>80	280°	>0.9	AC + CCG	2560 lm	90lm/W
ZL-LED F18T8/840/G/1200	220-240V	18W	4000K	>80	280°	>0.9	AC + CCG	1710 lm	95lm/W
ZL-LED F18T8/865/G/1200	220-240V	18W	6500K	>80	280°	>0.9	AC + CCG	1800 lm	100lm/W
ZL-LED F24T8/830/G/1500	220-240V	24W	3000K	>80	280°	>0.9	AC + CCG	2160 lm	90lm/W
ZL-LED F24T8/840/G/1500	220-240V	24W	4000K	>80	280°	>0.9	AC + CCG	2280 lm	95lm/W
ZL-LED F24T8/865/G/1500	220-240V	24W	6500K	>80	280°	>0.9	AC + CCG	2400 lm	100lm/W

Type A *

For direct connection with AC

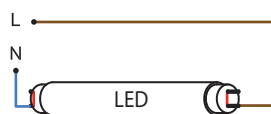


For direct retrofit in CCG circuit, replace with LED tube and LED starter

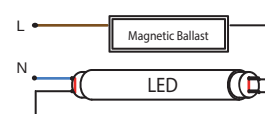


Type B

For direct connection with AC



For direct retrofit in CCG circuit, replace with LED tube and take out starter



LED TUBULAR LAMPS

Features

- Energy saving with low power consumption
- Perfect retrofit traditional fluorescent tubes
- Good color rendition, Ra >80
- Smooth operation even at low temperatures
- No mercury and hazardous substances
- Aluminum + PC body, suitable for industrial lighting
- Voltage: 85-265Vac, 50/60Hz, Power Factor: 0.9



(Unit:mm)	(L1)	(L2)
10W	588	602
14W	894	906
20W	1198	1212
24W	1500	1513
30W	1800	1813

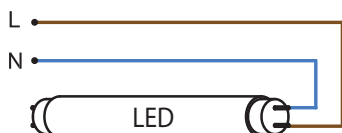


LED T8 TUBULAR Lamps - AL-PC



Model	Voltage	Wattage	Color Temp	Ra	Beam Angle	Power Factor	Wiring	Luminous Flux	Efficiency
ZL-LED F9T8/830/AP/600	85-265V	9W	3000K	>80	160°	>0.9	Type A/B	855 lm	95lm/W
ZL-LED F9T8/840/AP/600	85-265V	9W	4000K	>80	160°	>0.9	Type A/B	900 lm	100lm/W
ZL-LED F9T8/865/AP/600	85-265V	9W	6500K	>80	160°	>0.9	Type A/B	945 lm	105lm/W
ZL-LED F12T8/830/AP/900	85-265V	12W	3000K	>80	160°	>0.9	Type A/B	1140 lm	95lm/W
ZL-LED F12T8/840/AP/900	85-265V	12W	4000K	>80	160°	>0.9	Type A/B	1200 lm	100lm/W
ZL-LED F12T8/865/AP/900	85-265V	12W	6500K	>80	160°	>0.9	Type A/B	1260 lm	105lm/W
ZL-LED F18T8/830/AP/1200	85-265V	18W	3000K	>80	160°	>0.9	Type A/B	1710 lm	95lm/W
ZL-LED F18T8/840/AP/1200	85-265V	18W	4000K	>80	160°	>0.9	Type A/B	1800 lm	100lm/W
ZL-LED F18T8/865/AP/1200	85-265V	18W	6500K	>80	160°	>0.9	Type A/B	1890 lm	105lm/W
ZL-LED F24T8/830/AP/1500	85-265V	24W	3000K	>80	160°	>0.9	Type A/B	2280 lm	95lm/W
ZL-LED F24T8/840/AP/1500	85-265V	24W	4000K	>80	160°	>0.9	Type A/B	2400 lm	100lm/W
ZL-LED F24T8/865/AP/1500	85-265V	24W	6500K	>80	160°	>0.9	Type A/B	2520 lm	105lm/W
ZL-LED F36T8/830/AP/1800	85-265V	36W	3000K	>80	160°	>0.9	Type A/B	3420 lm	95lm/W
ZL-LED F36T8/840/AP/1800	85-265V	36W	4000K	>80	160°	>0.9	Type A/B	3600 lm	100lm/W
ZL-LED F36T8/865/AP/1800	85-265V	36W	6500K	>80	160°	>0.9	Type A/B	4780 lm	105lm/W

For direct connection with AC



For direct connection with AC

