

Product Catalog LED


Technical Datasheets

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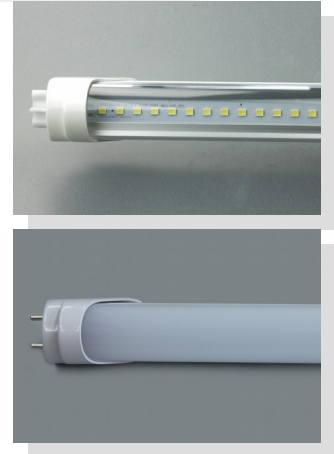
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FENECON T8 9W 600mm_ Clear/Frosted_ Daylight/ Neutral White

The LED tube is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional T8 neon tubes in office, production and warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

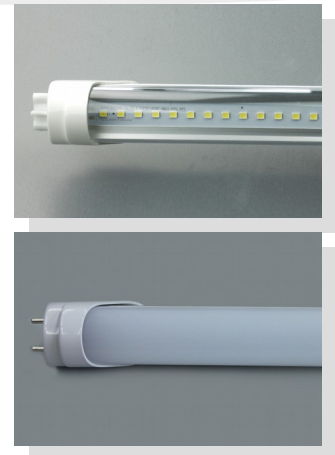


Order numbers	1009091001-CW 1009091001-NW 1009091002-CW 1009091002-NW	Category	Tube (T8)
Power consumption [Watt]	9 Watt (48 x SMD2835)	Replacement for	18 Watt neon tube
Lighting current [Lumen]	1.035 - 1080 lm	Lighting efficiency	115 - 120 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW) 4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	Ø 26 x 600 mm
Voltage [Volt]	100 - 277 V AC	Operating temperature [Degree Celsius]	-20 °C to 40 °C
Material	Aluminium/clear_frosted		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON T8 18W 1200mm_ Clear/Frosted_Daylight/ Neutral White

The LED tube is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional T8 neon tubes in office, production and warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1009181201-CW 1009181201-NW 1009181202-CW 1009181202-NW	Category	Tube (T8)
Power consumption [Watt]	18 Watt (96 x SMD2835)	Replacement for	36 Watt neon tube
Lighting current [Lumen]	2100 - 2200 lm	Lighting efficiency	115 - 120 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW) 4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	Ø 26 x 1200 mm
Voltage [Volt]	100 - 277 V AC	Operating temperature [Degree Celsius]	-20 °C to 40 °C
Material	Aluminium/clear_frosted		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON T8 14W 900mm Clear /Frosted_Daylight/Neutral White

The LED tube is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional T8 neon tubes in office, production and warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



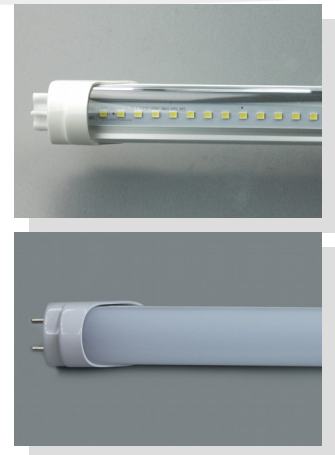
Order numbers	1005141101-CW 1005141101-NW 1005141102_CW 1005141102_NW	Category	Tube (T8)
Power consumption [Watt]	14 Watt (12 x 6 SMD 2835)	Replacement for	27 Watt neon tube
Lighting current [Lumen]	1.020 - 1.180 lm	Lighting efficiency	72 - 84 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW) 4.000 - 4.500 Kelvin (NW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	Ø 29 x 900 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium/clear_frosted		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	3 years	Certificates	CE, RoHS

FENECON T8 22W 1500mm_

Clear/Frosted_Daylight/ Neutral White

The LED tube is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional T8 neon tubes in office, production and warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

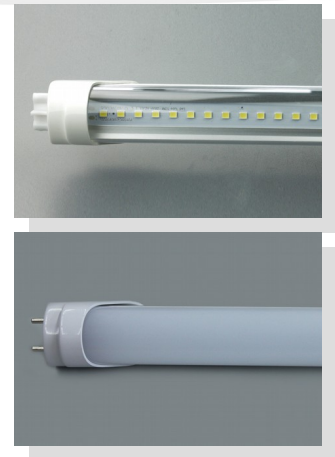


Order numbers	1009221301-CW 1009221301-NW 1009221302-CW 1009221302-NW	Category	Tube (T8)
Power consumption [Watt]	22 Watt (144 SMD 2835)	Replacement for	58 Watt neon tube
Lighting current [Lumen]	2.500 - 2.600 lm	Lighting efficiency	115 - 120 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW) 4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	Ø 29 x 1.500 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium/clear_frosted		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON T8 30W 1500mm_ Clear/Frosted_Daylight/ Neutral White

The LED tube is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional T8 neon tubes in office, production and warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1009301301-CW 1009301301-NW 1009301302-CW 1009301302-NW	Category	Tube (T8)
Power consumption [Watt]	30 Watt (192 SMD 2835)	Replacement for	58 Watt neon tube
Lighting current [Lumen]	3.400 - 3.600 lm	Lighting efficiency	115 - 120 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW) 4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	Ø 26 x 1.500 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-20 °C to 40 °C
Material	Aluminium/clear_frosted		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

Mounting for LED-tubes 600mm/900mm/ 1200mm/1500mm with earth cable

The LED socket is, in combination with a FENECON T8-LED-tube, the perfect solution for new installations. The socket does not include any unnecessary electronic ballast or starter and therefore minimizes possible failures.

This LED socket is designed for one-side powered LED tubes and may neither be used with conventional neon tubes nor with dual-sided LED tubes.

- ✓ Incl. plug and two clamps for mounting
- ✓ Aluminium sheet

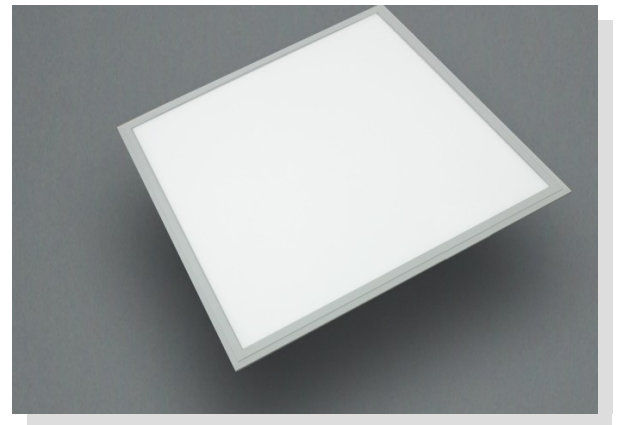


Order numbers	1105001002	Category	Socket for tube (T8)
	1105001102		
	1105001202		
	1105001303		
Dimensions			30 x 50 x 615 mm
			30 x 50 x 915 mm
			30 x 50 x 1.215 mm
			30 x 50 x 1.515 mm
Voltage [Volt]	230 V AC		
Warranty	2 years	Certificates	CE

FENECON Panel 620*620mm 36W Neutral White_ White Frame

The LED Panel is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional neon tubes including louvre luminaire in office, doctor's practice, entrance hall or point of sale. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



- ✓ Incl. 4 x steel cables
- ✓ Perfect for suspended ceilings

Order number	1009361721-NW	Category	Panel
Power consumption [Watt]	36 Watt	Replacement for	72 Watt neon tube
Lighting current [Lumen]	4000 lm (NW)	Lighting efficiency	105 - 111 Lumen/Watt
Colour temperature	4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	620 x 620 x 10 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-20 °C to 40 °C
Material	Aluminium/matt	Protection class	IP20
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON Panel 1200*300mm 60W Neutral White / White Frame

The LED Panel is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional neon tubes including louvre luminaire in office, doctor's practice, entrance hall or point of sale. It may be used even at low temperatures and is break-proof because of its aluminium body and the polycarbonate cover.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



- ✓ Incl. 4 x steel cables
- ✓ Perfect for suspended ceilings

Order number	1005551621-NW	Category	Panel
Power consumption [Watt]	60 Watt	Replacement for	116 Watt neon tube
Lighting current [Lumen]	5.500 lm	Lighting efficiency	90 Lumen/Watt
Colour temperature	4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	120°	Dimensions	1195 x 295 x 12 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium/matt		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON LED Floodlight

10W/50W/ 200W/240W

The LED Floodlight is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional floodlights in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the floodlight is well protected against dust and splash water.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order number	10080103101 (10W) 10080503101 (50W) 10052003101 (200W) 10052403101 (240W)	Category	Floodlight
Power consumption [Watt]	10 Watt 50 Watt 200 Watt 240 Watt	Replacement for	100 Watt Halogen (10W) 500 Watt Halogen (50W) 2.000 Watt Halogen (200W) 2.400 Watt Halogen (240W)
Lighting current [Lumen]	980 lm (10W) 4.900 lm (50W) 17.000 lm (200W) 20.400 lm (240W)	Lighting efficiency	98 Lumen/Watt
Colour temperature	4.500 - 5.000 Kelvin (NW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	115 x 90 x 80 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-30 °C to 50 °C
Material	Aluminium/clear	Protection class	IP65
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	3 years	Certificates	CE, RoHS

FENECON LED High Bay Light

150W/200W_dimmable

The LED High Bay Light is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional spotlights (HQL or HQI) in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the spotlight is well protected against dust and splash water.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



LED High Bay Lights are available with 80° and 120° reflector shields.

Order number	10111503001 (150W) 10112003001 (200W)	Category	High Bay Light
Power consumption [Watt]	150 Watt 200 Watt	Replacement for	> 400 Watt HQL > 200 Watt HQI > 600 Watt HQL > 250 Watt HQI
Lighting current [Lumen]	15.000 lm (150W) 20.000 lm (200W)	Lighting efficiency	100 Lumen/Watt
Colour temperature	4.000 Kelvin	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	Ø 260 x 208 (150W) Ø 260 x 235 (200W)
Voltage [Volt]	90 - 305 V AC	Operating temperature [Degree Celsius]	-40° - 50°C
Material	Aluminium	Protection class	IP65
Cycles of operation	100.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON LED High Bay Light 150W - Skybay

The LED High Bay Light is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional spotlights (HQL or HQI) in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the spotlight is well protected against dust and splash water.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

LED High Bay Lights are available with 80° and 120° reflector shields.



Order number	10091503001	Category	High Bay Light
Power consumption [Watt]	150 Watt	Replacement for	> 400 Watt HQL > 200 Watt HQI
Lighting current [Lumen]18.000 lm	18.000 lm	Lighting efficiency	120 Lumen/Watt
Colour temperature	5.000 Kelvin	Colour rendering index	80 Ra
Lighting angle	110°	Dimensions	Ø365 x 156mm
Voltage [Volt]	100 - 277 V AC	Operating temperature [Degree Celsius]	-40° - 55°C
Material	Aluminium	Protection class	IP65
Cycles of operation	100.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON LED Industrie-Panel 55 Watt/150Watt

The LED High Bay Light is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional spotlights (HQL or HQI) in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the spotlight is well protected against dust and splash water.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

✓ Inkl. mounting material



Order number	10090601601-NW (55W) 10091501601-NW (150W)	Category	High Bay Light
Power consumption [Watt]	55 Watt (154 x SMD2835) 150 Watt (420pcs SMD2835)	Replacement for	116 Watt Leuchtstoffröhre (55W) 290 Watt Leuchtstoffröhre (150W)
Lighting current [Lumen]	5.000 - 5.200 lm (55W) 15.500 - 16.5000 lm (150W)	Lighting efficiency	95 Lumen/Watt (55W) 103 - 110 Lumen/Watt (150W)
Colour temperature	4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	180°	Dimensions	605 x 150 x 72 mm (55W) 1205 x 135 x 72 mm (150W)
Voltage [Volt]	100 - 277 V AC	Operating temperature [Degree Celsius]	-40 °C to 40 °C
Material	Aluminium/matt	Protection class	IP65
Cycles of operation	100.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON LED Flood Light 150 Watt Neutral White

The LED High Bay Light is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional spotlights (HQL or HQI) in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the spotlight is well protected against dust and splash water.



Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

✓ Inkl. 2 x steel cables

Order number	10091501602-NW	Category	High Bay Light
Power consumption [Watt]	150 Watt (56pcs SMD3535)	Replacement for	290 Watt neon tube
Lighting current [Lumen]	16.500 lm	Lighting efficiency	110 Lumen/Watt
Colour temperature	4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 70 Ra
Lighting angle	120°	Dimensions	295 x 260 x 230 mm
Voltage [Volt]	100 - 277 V AC	Operating temperature [Degree Celsius]	-30 °C to 45 °C
Material	Aluminium/matt	Protection class	IP65
Cycles of operation	100.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON LED Band 1500mm Frosted Neutral White

The LED High Bay Light is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional spotlights (HQL or HQI) in- and outside of buildings. It may be used even at low temperatures and is break-proof because of its massive aluminium body. With a protection class of IP65 the spotlight is well protected against dust and splash water.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).

These LED bars can be coupled with each other via connectors to avoid unnecessary cabling. Delivery includes connectors and mounting material.



Order number	1009601302-NW	Category	High Bay Light
Power consumption [Watt]	60 Watt (336 x SMD2835)	Replacement for	116 Watt neon tube
Lighting current [Lumen]	5.600 - 6.200 lm	Lighting efficiency	90 - 100 Lumen/Watt
Colour temperature	4.000 - 4.500 Kelvin (NW)	Colour rendering index	> 80 Ra
Lighting angle	100°	Dimensions	1.500 x 100 x 60 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-40 °C to 40 °C
Material	Aluminium/matt	Protection class	IP42
Cycles of operation	100.000	Lifetime	50.000 hours
Warranty	5 years	Certificates	CE, RoHS

FENECON G23d 7W 120° Cold White / Neutral White / Warm White

The LED illuminant for G23d socket is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional fluorescent lamps in office, doctor's practice, point of sale or warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body. With its universal socket, this LED is fitting all prevalent G23d sockets.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1005070801-CW 1005070801-NW 1005070801-WW	Category	G23d
Power consumption [Watt]	7 Watt	Replacement for	18 Watt fluorescent lamp 60 Watt light bulb
Lighting current [Lumen]	560 - 620 lm	Lighting efficiency	80 - 89 Lumen/Watt
Colour temperature	6.000 Kelvin 4.500 Kelvin (NW) 3.000 Kelvin (WW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	Ø 35 x 150 mm
Voltage [Volt]	85 - 265 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium		
Cycles of operation	50.000	Lifetime	40.000 hours
Warranty	2 years	Certificates	CE, RoHS

FENECON G24d 7W 120° Cold White / Neutral White / Warm White

The LED illuminant for G24d socket is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional fluorescent lamps in office, doctor's practice, point of sale or warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body. With its universal socket, this LED is fitting all prevalent G24d sockets.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1003090901-CW 1003090901-NW 1003090901-WW	Category	G24d
Power consumption [Watt]	7 Watt	Replacement for	18 Watt fluorescent lamp 60 Watt light bulb
Lighting current [Lumen]	560 - 620 lm	Lighting efficiency	80 - 89 Lumen/Watt
Colour temperature	6.000 Kelvin 4.500 Kelvin (NW) 3.000 Kelvin (WW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	Ø 35 x 150 mm
Voltage [Volt]	85 - 265 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium		
Cycles of operation	50.000	Lifetime	40.000 hours
Warranty	2 years	Certificates	CE, RoHS

FENECON G24d 8W 360° Cold White

The LED illuminant for G24d socket is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional fluorescent lamps in office, doctor's practice, point of sale or warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body. With its universal socket, this LED is fitting all prevalent G24d sockets.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1005080902-CW	Category	G24d
Power consumption [Watt]	8 Watt	Replacement for	18 Watt fluorescent lamp 60 Watt light bulb
Lighting current [Lumen]	720 lm	Lighting efficiency	90 Lumen/Watt
Colour temperature	5.500 - 6.500 Kelvin (CW)	Colour rendering index	80 Ra
Lighting angle	360°	Dimensions	Ø 55 x 170 mm
Voltage [Volt]	100 - 240 V AC 85 - 265 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium/clear		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	2 years	Certificates	CE, RoHS

FENECON G24q 7W 120° Cold White / Warm White / Neutral White

The LED illuminant for G24q socket is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional fluorescent lamps in office, doctor's practice, point of sale or warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body. With its universal socket, this LED is fitting all prevalent G24q sockets.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order numbers	1003090902-CW 1003090902-WW 1003090902-NW	Category	G24q
Power consumption [Watt]	7 Watt	Replacement for	18 Watt fluorescent lamp 60 Watt light bulb
Lighting current [Lumen]	560 - 620 lm	Lighting efficiency	80 - 89 Lumen/Watt
Colour temperature	6.000 Kelvin 3.000 Kelvin (WW) 4.500 Kelvin (NW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	Ø 35 x 150 mm
Voltage [Volt]	85 - 265 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium		
Cycles of operation	50.000	Lifetime	40.000 hours
Warranty	2 years	Certificates	CE, RoHS

FENECON 2G11 12W 120° Neutral White

The LED illuminant for 2G11 socket is, thanks to its high efficiency and low energy consumption, the perfect replacement for conventional fluorescent lamps in office, doctor's practice, point of sale or warehouse. It may be used even at low temperatures and is break-proof because of its aluminium body. With its universal socket, this LED is fitting all prevalent 2G11 sockets.

Valid for all FENECON LEDs: full brightness without warming up time, high switching capability, no dangerous IR- or UV-radiation and no toxic waste (e. g. mercury).



Order number	1005124001-NW	Category	2G11
Power consumption [Watt]	12 Watt	Replacement for	24 Watt neon tube
Lighting current [Lumen]	1.030 lm	Lighting efficiency	85 Lumen/Watt
Colour temperature	4.000 - 5.000 Kelvin (NW)	Colour rendering index	80 Ra
Lighting angle	120°	Dimensions	322 x 38 x 27 mm
Voltage [Volt]	100 - 240 V AC	Operating temperature [Degree Celsius]	-10 °C to 35 °C
Material	Aluminium/clear		
Cycles of operation	50.000	Lifetime	50.000 hours
Warranty	2 years	Certificates	CE, RoHS