





WELCOME

to Gigalicht, your LED specialist for commercial business and resellers. Our customers are the best proof of excellent quality, reasonable prices and good service.

BECAUSE WE

- · are VDE certified
- · offer up to 5 year warranty on our products
- · offer LED for commercial customers and resellers
- · give you competent advice and solution-oriented
- · are cheaper than other suppliers through our own production
- · are permanently controlling our quality
- · have several years of LED experience

GIGALICHT designs and manufactures energy-saving lighting according to your situation and provides you only the highest quality products and solutions at competitive prices. We achieve this either by our own production in China or by purchasing quality products made in Europe.

With our innovative GIGALICHT products we usually immediately reduce your energy costs and at the same time you CO^2 emission values.

Our consultants will gladly visit you on site to coordinate your needs directly.

Your GIGALICHT Team





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GENERAL ADVANTAGES OF LED

No other light can compete with the efficiency of a light-emitting diode – the biggest advantage of LED. Because ninety percent less power consumption than a conventional light bulb are unbeatable.

You can use LEDs in places where other lights cannot be used since as fire safety reasons to the contrary. LED develops less heat and emits no IR or UV radiation. This saves incidentally also cooling energy in summer. There is therefore no area in which LED technology cannot be used.



Another advantage is that LED bulbs emit the full light from the first second and have no lag, what is fact for example for many energy-saving lamps.

And of course the environmental friendliness of LED is a crucial factor. Neither lead nor mercury is contained in LED lights and by their thriftiness CO ² load drops significantly, a clear advantage over light bulbs, halogen lamps and energy saving lamps.

ATTENTION TO QUALITY

The performance potential of the LED is enormous - but this potential can only use who takes the technical requirements of LED technology into account.

Just because the LED market is growing rapidly and many try their luck in this growth market No.1, it should be taken to quality when buying.

Cheap Products disappoint in light output and light quality, and particularly in the lifespan.

The quality characteristics of the LEDs include many factors, such as overheating prevention, continuity of current flow, material processing, long warranty and certifications with VDE and TUV.



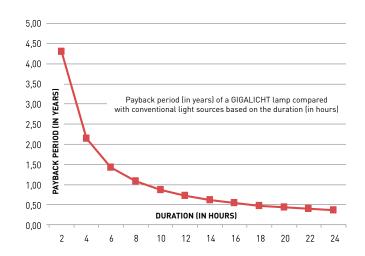


ADVANTAGE GIGALICHT

PAYS FOR ITSELF IMMEDIATELY

Due to the current maximum savings and minimize the switching costs, the exchange already pays off from a operating time of only 2 hours a day.

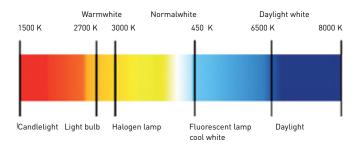
With GIGALICHT even the replacement of all existing lamps usually pays for itself within 1 year.



IN ALL LIGHT COLORS

The application ranges of light are different as well as the personal sense of light.

We produce on request, the light in all desired Light colors – with no extra charge.



ALL CERTIFICATES

VDE to ILO - we have all the certificates. For your safety.



ALSO LEASABLE

Save money immediately without touching your equity capital. GIGALICHT is leasable.





GIGALICHT LED T8 TUBES

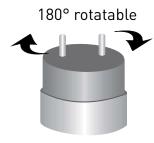
GIGALICHT LED T8 tubes replace conventional fluorescent tubes and are used in all types of buildings, greenhouses, garages, corridors, offices, shops etc.

With payback periods of less than one year partially GIGALICHT T8 tubes are a quick way to reduce your energy costs. GIGALICHT tubes are VDE certified.

Due to the high lumen performance GIGALICHT T8 tubes can be used in all areas.















GIGALICHT GL SERIES (TRANSPARENT)

MODEL GL-T8-10S50T GL-T8-90-14S50T GL-T8-120-18S50T GL-T8-150-23S50T GL-T8-150-27S50T L600Ø26mm L900Ø26mm L1200Ø26mm L1500Ø26mm L1500Ø26mm **Dimensions** Rated Power 10 Watt 14 Watt 18 Watt 23 Watt 27 Watt 3350 lm Lumen 950 lm 1330 lm 1700 lm 2700 lm

GIGALICHT GL SERIES (MILKY GLASS)

MODEL GL-T8-10S50M GL-T8-90-14S50M GL-T8-120-18S50M GL-T8-150-23S50M GL-T8-150-27S50M L600Ø26mm L900Ø26mm L1200Ø26mm L1500Ø26mm L1500Ø26mm **Dimensions** Rated Power 10 Watt 14 Watt 18 Watt 23 Watt 27 Watt 2500 lm 3150 lm Lumen 900 lm 1260 lm 1600 lm

GIGALICHT GL PLUS SERIES (TRANSPARENT)

MODEL GL-T8-10S52T GL-T8-90-14S52T GL-T8-120-21S52T GL-T8-150-27S52T GL-T8-150-29S52T L600Ø26mm L900Ø26mm L1200Ø26mm L1500Ø26mm L1500Ø26mm **Dimensions** Rated Power 10 Watt 14 Watt 21 Watt 27 Watt 29 Watt Lumen 1100 lm 1540 lm 2250 lm 2850 lm 3600 lm

GIGALICHT GL PLUS SERIES (MILKY GLASS)

MODEL GL-T8-10S52M GL-T8-90-14S52M GL-T8-120-21S52M GL-T8-150-27S52M GL-T8-150-29S52M L600Ø26mm L900Ø26mm L1200Ø26mm L1500Ø26mm L1500Ø26mm **Dimensions** Rated Power 10 Watt 14 Watt 21 Watt 27 Watt 29 Watt 1000 lm 1440 lm 2050 lm 2650 lm 3350 lm Lumen













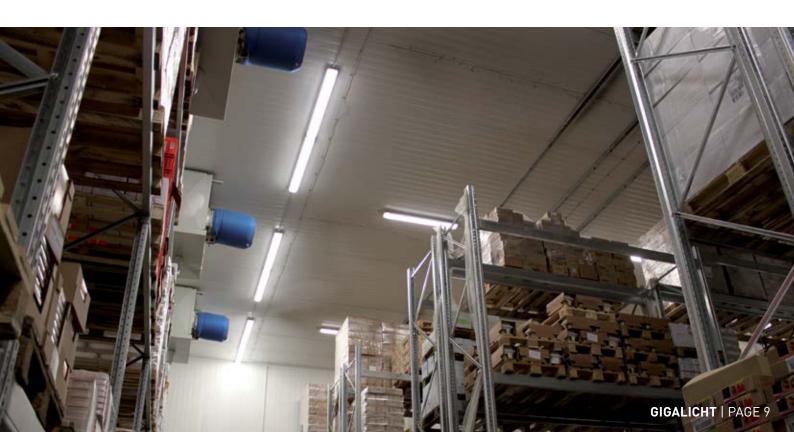


LED - DIRECTLY FROM MANUFACTURER

GIGALICHT ACCESSORIES BASEBOARDS FOR T8 TUBES

MODEL	LENGTH	DEGREE OF PROTECTION	COVER	BASE TYPE*
GL-T8-60-S0-IP20	60 cm	IP20	NO	Simple
GL-T8-60-S0-IP55	60 cm	IP55	YES	Simple
GL-T8-120SO-IP20	120 cm	IP20	NO	Simple
GL-T8-120SO-IP55	120 cm	IP55	YES	Simple
GL-T8-150SO-IP20	150 cm	IP20	NO	Simple
GL-T8-150SO-IP55	150 cm	IP55	YES	Simple
GL-T8-150D0S0-IP20	150 cm	IP20	NO	Double
GL-T8-150D0S0-IP55	150 cm	IP55	YES	Double

^{*} All base boards are supplied on one side and are delivered without starter and without ballast.



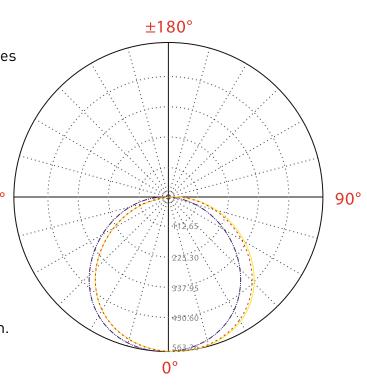


LUMINOSITY MEASUREMENT

LIGHT INTENSITY DISTRIBUTION CURVE

The light intensity distribution curve indicates how much light is emitted by a lamp in a certain angle. Thereby is always 0° vertically below the lamp. So you can easy see if the lamp emits the light up or down, whether the light cone of the lamp is narrow or wide, and how much light is emitted (in candelas) in one direction.

This light intensity distribution curve shows the distribution of the light of a downward-lamp with a relatively wide beam.



GIGALICHT GL S	SERIES TRAN	ISPARENT (M	ILKY GLASS)		
Luminosity in 1 m	320(250) lx	450(330) lx	555(440) lx	715(575) lx	825(660) lx

Luminosity in 2m	80(65) lx	110(95) lx	140(110) lx	180(140) lx	210(165) lx
Luminosity in 3m	30(25) lx	45(35) lx	60(50) lx	80(65) lx	90(75) lx

	SERIES TRANSPARENT	(MILLIAN OL ACC)
- (3)(3Δ) (.H (3)	SERIES IRANSPARENT	
OIOALIOIII OL	SEITIES IITANSI AITENI	(IIIIIII OERSS)

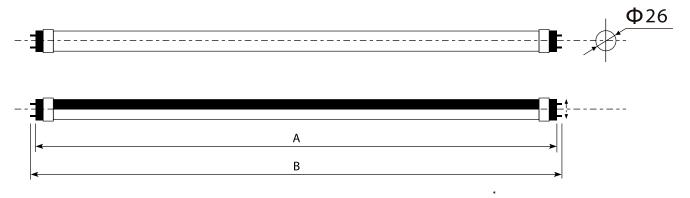
Luminosity in 1 m	330(320) lx	480(350) lx	715(560) lx	950(730) lx	980(770) lx
Luminosity in 2m	85(75) lx	120(105) lx	180(140) lx	240(185) lx	245(195) lx
Luminosity in 3m	35(30) lx	50(45) lx	80(60) lx	105(80) lx	110(90) lx



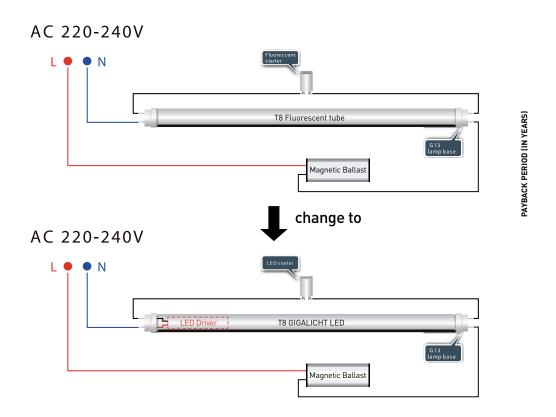
LED - DIRECTLY FROM MANUFACTURER

DESCRIPTION OF INSTALLATION

SIZE FIGURE



DESCRIPTION OF INSTALLATION (the detailed description can be obtained from the delivery of our T8 Tube!)





GIGALICHT HIGH BAY LUMINAIRES

- 1. Save up to 75% on energy costs compared to HQL lamps and fluorescent lamps, and even up to 95% compared to conventional light bulbs.
- Save up to 90% of maintenance costs with a lifetime of more than 100.000 operating hours (especially in areas with difficult access)
- 3. No flickering, no humming, no delay
- 4. Environmentally friendly by refraining from heavy metals and gases
- 5. By our unbreakable materials GIGALICHT high bay luminaires can be used in almost all industries.
- 6. Saving of cooling energy during the summer





5 YEARS WARRAW?













ILLUMINANCE AND LIGHT CONE								
	100Watt/ 45°	Lamp shade	100Watt / 120° Lamp shade					
Distance	Light intensity Light cone		Light intensity	Light cone				
6 m	320 lx	4, 1m	64 lx	10 m				
8 m	210 lx	5,8 m	29 lx	16 m				
10 m	134 lx	7,3 m	17 lx	21 m				



LED - DIRECTLY FROM MANUFACTURER

MODEL	LIGHT COLOR	VOLTAGE	WATT	CRI	LUMINOUS FLUX	LUMEN				
30W LED HIGH	30W LED HIGH BAY LUMINAIRE									
GL-HBS6S-30W-S GL-HBS6S-30W-D	2700-3200 K 5200-5700 K	AC 90-265 V AC 90-265 V	30 W 30 W	\rightarrow 80 Ra \rightarrow 80 Ra	45/90/120° 45/90/120°	2400 Lumen* 2400 Lumen*				
50W LED HIGH	BAY LUMINAIR	E								
GL-HBS6S-50W-S GL-HBS6S-50W-D	2700-3200 K 5200-5700 K	AC 90-265 V AC 90-265 V	50 W 50 W	\rightarrow 80 Ra \rightarrow 80 Ra	45/90/120° 45/90/120°	4000 Lumen* 4000 Lumen*				
80W LED HIGH	BAY LUMINAIR	E								
GL-HBS6S-80W-S GL-HBS6S-80W-D	2700-3200 K 5200-5700 K	AC 90-265 V AC 90-265 V	80 W 80 W	\rightarrow 80 Ra \rightarrow 80 Ra	45/90/120° 45/90/120°	6400 Lumen* 6400 Lumen*				
100W LED HIGH	I BAY LUMINAII	RE								
GL-HBS6S-100W-S GL-HBS6S-100W-D		AC 90-265 V AC 90-265 V	100 W 100 W	\rightarrow 80 Ra \rightarrow 80 Ra	45/90/120° 45/90/120°	9000 Lumen* 9000 Lumen*				
120W LED HIGH	I BAY LUMINAII	RE								
GL-HBS6S-120W-S GL-HBS6S-120W-D		AC 90-265 V AC 90-265 V	120 W 120 W	\rightarrow 80 Ra \rightarrow 80 Ra	45/90/120° 45/90/120°	10.800 Lumen* 10.800 Lumen*				
180W LED HIGH	I BAY LUMINAII	RE								
GL-HBS6S-180W-S GL-HBS6S-810W-D		AC 90-265 V AC 90-265 V	180 W 180 W	→ 80 Ra → 80 Ra	45/90/120° 45/90/120°	16.200 Lumen* 16.200 Lumen*				

Customized orders with other luminous fluxes and light colors are available; please ask for your special request product.

^{*+/-} Tolerances up to 10% may occur due to the type of construction





GIGALICHT HIGH POWER SERIES

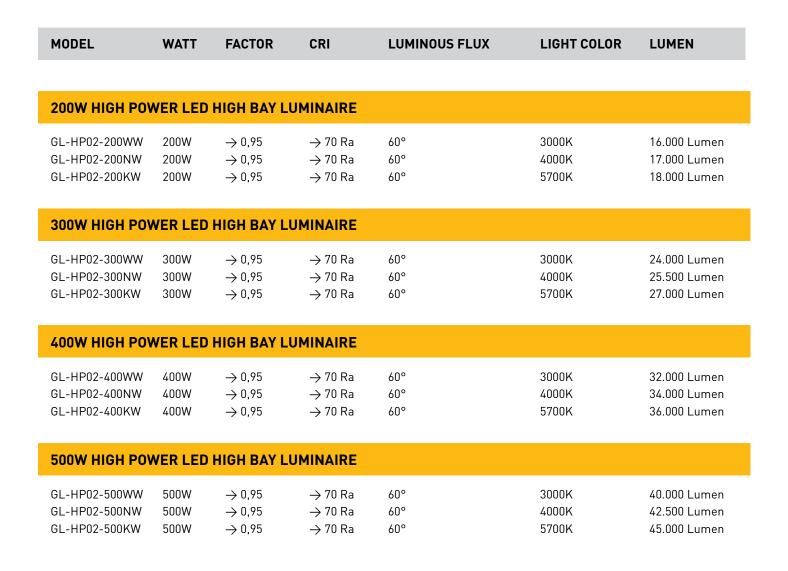
1. Save up to 75% on energy costs compared to HQL lamps and fluorescent lamps, and even up to 95% compared to conventional light bulbs.







LED - DIRECTLY FROM MANUFACTURER







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Customized orders with other luminous fluxes and light colors are available; please ask for your special request product.







GIGALICHT BP FLOODLIGHTS

GIGALICHT LED Floodlights replace conventional halogen floodlights and are very versatile.

For basic areas, we have developed our GIGALICHT Best Price (BP) series. Strong performance at best price.



GL-FL01-10-80W FL00DLIGHT SAMPLE IMAGE



GL-FL01-10-50W FL00DLIGHT SAMPLE IMAGE

















GIGALICHT FLOODLIGHT BP SERIES

MODEL	LIGHT COLOR	VOLTAGE	WATT	CRI	LUMINOUS FLUX	LUMEN
GL-BPFL01-10W	3000K 4000K 5700K	AC 100-240V	10W	→ 70 Ra	100°	550 Lumen* 600 Lumen* 650 Lumen*
GL-BPFL01-20W	3000K 4000K 5700K	AC 100-240V	20W	→ 70 Ra	100°	1300 Lumen* 1400 Lumen* 1500 Lumen*
GL-BPFL01-30W	3000K 4000K 5700K	AC 100-240V	30W	→ 70 Ra	100°	1950 Lumen* 2100 Lumen* 2200 Lumen*
GL-BPFL01-50W	3000K 4000K 5700K	AC 100-240V	50W	→ 70 Ra	100°	3500 Lumen* 3700 Lumen* 3900 Lumen*
GL-BPFL01-70W	3000K 4000K 5700K	AC 100-240V	70W	→ 70 Ra	100°	5600 Lumen* 5950 Lumen* 6200 Lumen*

^{*+/-} Tolerances up to 10% may occur due to the type of construction





GIGALICHT FLOODLIGHT TP SERIES

GIGALICHT LED Floodlight TP (Best Performance) series replace conventional halogen floodlights and are very versatile.

Since our floodlights are preferably used outdoors, all delivered floodlights of the TP series are consequently water resistant and therefore very durable.

Especially for outdoor use this is absolutely necessary.





















GIGALICHT FLOODLIGHT TP SERIES (IP65)

MODEL	LIGHT COLOR	VOLTAGE	WATT	CRI	BEAM ANGLE	LUMEN
GL-TP02-10W	3000K 4000K 5700K	AC 100-240V	10W	→ 70 Ra	100°	650 Lumen* 700 Lumen* 750 Lumen*
GL-TP02-20W	3000K 4000K 5700K	AC 100-240V	20W	→ 70 Ra	100°	1300 Lumen* 1400 Lumen* 1500 Lumen*
GL-TP02-30W	3000K 4000K 5700K	AC 100-240V	30W	→ 70 Ra	100°	2000 Lumen* 2100 Lumen* 2250 Lumen*
GL-TP02-50W	3000K 4000K 5700K	AC 100-240V	50W	→ 70 Ra	100°	3500 Lumen* 3750 Lumen* 4000 Lumen*
GL-TP02-70W	3000K 4000K 5700K	AC 100-240V	70W	→ 70 Ra	100°	4900 Lumen* 5250 Lumen* 5600 Lumen*
GL-TP02-100W	3000K 4000K 5700K	AC 100-240V	100W	→ 70 Ra	100°	7000 Lumen* 7500 Lumen* 8000 Lumen*
GL-TP02-150W	3000K 4000K 5700K	AC 100-240V	150W	→ 70 Ra	100°	11300 Lumen* 12000 Lumen* 12800 Lumen*
GL-TP02-200W	3000K 4000K 5700K	AC 100-240V	200W	→ 70 Ra	100°	15000 Lumen* 16000 Lumen* 17000 Lumen*
GL-TP02-250W	3000K 4000K 5700K	AC 100-240V	250W	→ 70 Ra	100°	18750 Lumen* 20000 Lumen* 21250 Lumen*

^{*}+/- Tolerances up to 10% may occur due to the type of construction



GIGALICHT FLOODLIGHT HP SERIES

For the highest standards we have developed our GIGALICHT HP (High Performance) series.

The classic area of application are indoor areas that require very high luminosity, for example Hall sorting areas and loading docks, but also on sports fields the HP series is preferred. Of course our HP Series is also water resistant and therefore very durable.





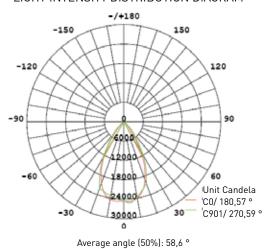


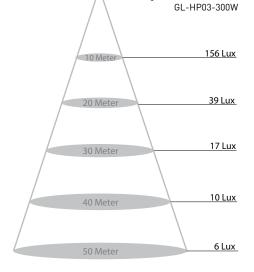
GIGALICHT FLOODLIGHT HP SERIES (IP65)

MODEL	LIGHT COLOR	VOLTAGE	WATT	CRI	LUMINOUS FLUX	LUMEN
GL-HP03-250W	3000K 4000K 5700K	AC 100-240V	250W	→ 80 Ra	110°	21250 Lumen 21250 Lumen 21250 Lumen
GL-HP03-300W	3000K 4000K 5700K	AC 100-240V	300W	→ 80 Ra	110°	25500 Lumen 25500 Lumen 25500 Lumen
GL-HP03-350W	3000K 4000K 5700K	AC 100-240V	350W	→ 80 Ra	110°	30000 Lumen 30000 Lumen 30000 Lumen

EXAMPLE CALCULATION GL-HP03-300W

LIGHT INTENSITY DISTRIBUTION DIAGRAM





Light meter calculation













GIGALICHT LED PANELS

With a Gigalicht UltraSlim LED panel you can set special accents in interior design and also save a lot of money. By using multiple panels, you have the opportunity to create an individual lighting concept to your liking.

Thanks to the ultra-thin shape with our high quality and modern aluminum frames, these lighting elements have versatile uses in both the commercial and private sectors.





















GIGALICHT ULTRASLIM LED PANELS

MODEL	LIGHT COLOR	WATT	CRI	LUMINOUS FLU	XDIMMABLE	FACTOR	DIMENSIONS
GL-P01-N2020-12W GL-P01-D2020-12W	3000/4000/5000K 3000/4000/5000K	12W 12W	→ 80Ra → 80Ra	800 Lumen 800 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	195*x195*9mm 195*x195*9mm
GL-P01-N3030-18W GL-P01-D3030-18W	3000/4000/5000K 3000/4000/5000K	18W 18W	\rightarrow 80Ra \rightarrow 80Ra	1300 Lumen 1300 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	295*x295*x9mm 295*x295*x9mm
GL-P01-N3060-30W GL-P01-D3060-30W	3000/4000/5000K 3000/4000/5000K	30W 30W	\rightarrow 80Ra \rightarrow 80Ra	2300 Lumen 2300 Lumen	Nein Ja	\rightarrow 0,9 2 \rightarrow 0,9	95*x595*9mm 295*x595*9mm
GL-P01-N6060-36W GL-P01-D6060-36W	3000/4000/5000K 3000/4000/5000K	36W 36W	\rightarrow 80Ra \rightarrow 80Ra	3000 Lumen 3000 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	595*x595*9mm 595*x595*9mm
GL-P01-N6262-36W GL-P01-D6262-36W	3000/4000/5000K 3000/4000/5000K	36W 36W	\rightarrow 80Ra \rightarrow 80Ra	3000 Lumen 3000 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	620*x620*9mm 620*x620*9mm
GL-P01-N6060-48W GL-P01-D6060-48W GL-P01-D6060-48W	3000/4000/5000K 3000/4000/5000K 3000/4000/5000K	48W 48W 48W	\rightarrow 80Ra \rightarrow 80Ra \rightarrow 80Ra	4100 Lumen 4100 Lumen 4100 Lumen	Nein Ja DALI	$\begin{array}{c} \rightarrow 0.9 \\ \rightarrow 0.9 \\ \rightarrow 0.9 \end{array}$	595*x595*9mm 595*x595*9mm 595*x595*9mm
GL-P01-N6262-48W GL-P01-D6262-48W GL-P01-D6262-48W	3000/4000/5000K 3000/4000/5000K 3000/4000/5000K	48W 48W 48W	\rightarrow 80Ra \rightarrow 80Ra \rightarrow 80Ra	4100 Lumen 4100 Lumen 4100 Lumen	Nein Ja DALI	$\begin{array}{c} \rightarrow 0.9 \\ \rightarrow 0.9 \\ \rightarrow 0.9 \end{array}$	620*x620*9mm 620*x620*9mm 620*x620*9mm
GL-P01-N6262-60W GL-P01-D6262-60W	3000/4000/5000K 3000/4000/5000K	60W 60W	\rightarrow 80Ra \rightarrow 80Ra	5100 Lumen 5100 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	620*x620*9mm 620*x620*9mm
GL-P01-N6060-60W GL-P01-D6060-60W	3000/4000/5000K 3000/4000/5000K	60W 60W	\rightarrow 80Ra \rightarrow 80Ra	5100 Lumen 5100 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	595*x595*9mm 595*x595*9mm
GL-P01-N30120-36W GL-P01-D30120-36W		36W 36W	\rightarrow 80Ra \rightarrow 80Ra	2900 Lumen 2900 Lumen	Nein Ja	→ 0,9→ 0,9	295*x1195*9mm 295*x1195*9mm
GL-P01-N30120-48W GL-P01-D30120-48W		48W 48W	\rightarrow 80Ra \rightarrow 80Ra	4000 Lumen 4000 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	295*x1195*9mm 295*x1195*9mm
GL-P01-N60120-72W GL-P01-D60120-72W		72W 72W	\rightarrow 80Ra \rightarrow 80Ra	5600 Lumen 5600 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	595*x1195*9mm 595*x1195*9mm
GL-P01-N60120-90W GL-P01-D60120-90W		90W 90W	→ 80Ra → 80Ra	7000 Lumen 7000 Lumen	Nein Ja	\rightarrow 0,9 \rightarrow 0,9	595*x1195*9mm 595*x1195*9mm

^{*+/-} Tolerances up to 10% may occur due to the type of construction



GIGALICHT STREET LIGHTS

GIGALICHT LED street lights replace conventional street lights and can be used on any conventional mast.

The conversion of each mast takes usually less than an hour. Of course our Street Lights are also water resistant and therefore very durable.







GIGALICHT STREET LAMPS

MODEL	LIGHT COLOR	VOLTAGE	WATT	CRI	BEAM ANGLE	LUMINOUS FLUX
GL-LD60W-MW	5000K	AC 100-240V	60W	→ 80 Ra	120°	5100 Lumen
GL-LD90W-MW	5000K	AC 100-240V	90W	→ 80 Ra	120°	7650 Lumen
GL-LD120W-MW	5000K	AC 100-240V	120W	→ 80 Ra	120°	10200 Lumen
GL-LD150W-MW	5000K	AC 100-240V	150W	→ 80 Ra	120°	12750 Lumen
GL-LD180W-MW	5000K	AC 100-240V	180W	→ 80 Ra	120°	15300 Lumen
GL-LD210W-MW	5000K	AC 100-240V	210W	→ 80 Ra	120°	12850 Lumen

















GIGALICHT INSTALLATION SERVICE





GRENKELEASING®

Whatever you do, leasing allows you to equip optimally without unnecessarily tying up capital.

Instead of the full cost you pay attractive leasing rates and this secures your equity and you get the credit scope of your bank or your supplier.

Due to the constant rates - pay as you earn - as they will not be due if you are already generating revenue with the leased objects, you also gain planning security. With our partner Grenke Leasing it is possible to realize even LED changes from a net purchase price of 500 EUR.

You can save by switching to LED usually 60-70% of the energy costs. In over 99% of all cases, the leasing rate is more favorable than the amount of energy saved. To say it clearly: This means that you realize your advantage immediately.

So there is no reason to wait with the changeover.





GIGA LICHT

TEL +49 (0) 5971 8081710 FAX +49 (0) 5971 8081711

Walshagenstraße 127-149 D-48429 Rheine

info@gigalichtde

gigalicht_de