

中国 浙江 广告 (13205735151)

YAGLAIG®

Yaguang Lighting Electrical

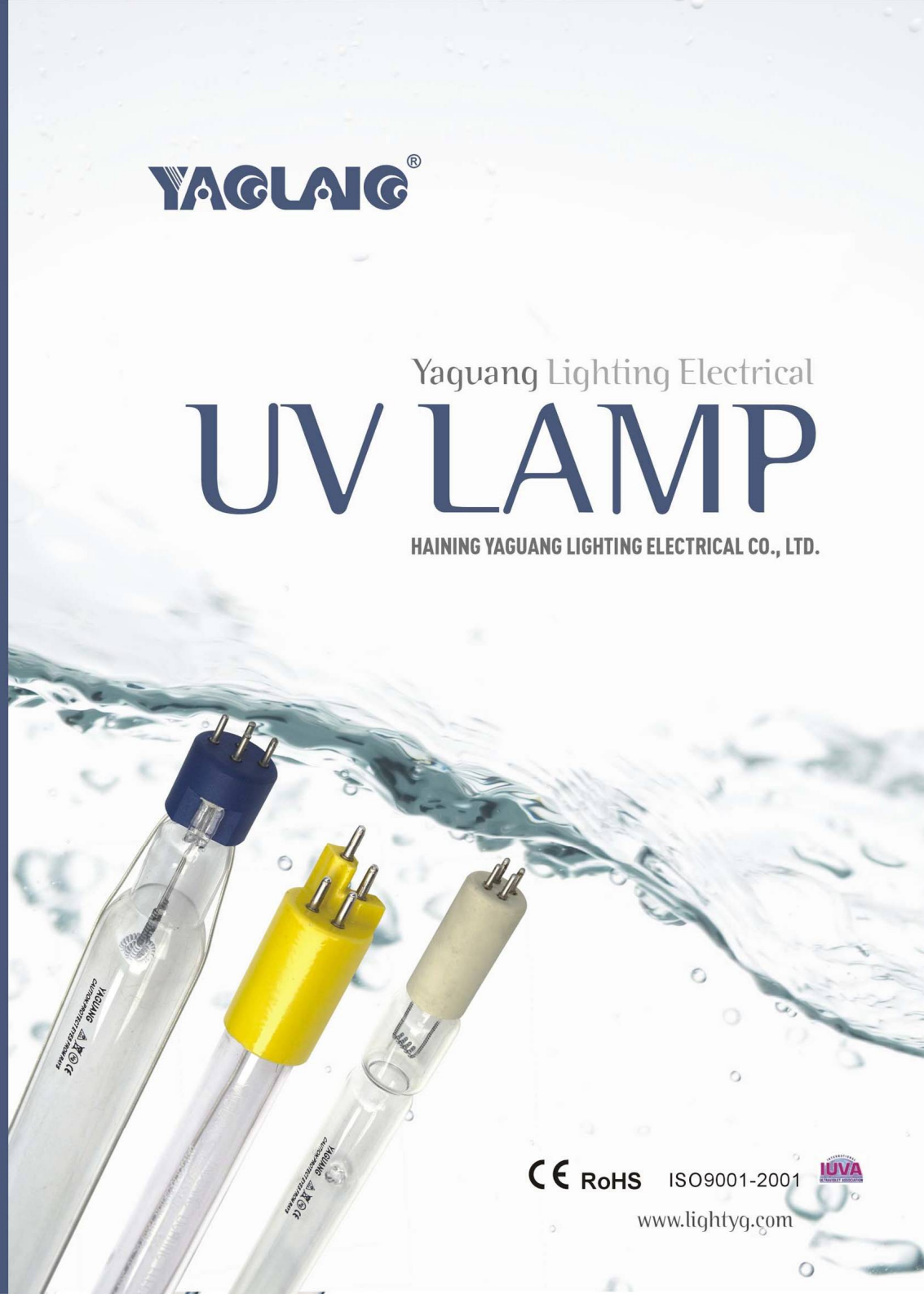
UV LAMP

HAINING YAGUANG LIGHTING ELECTRICAL CO., LTD.

YAGLAIG®
UV LAMP

HAINING YAGUANG
LIGHTING ELECTRICAL CO., LTD.

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CE RoHS ISO9001-2001



www.lightyg.com

Yaguang About us

Haining Yaguang Lighting Electrical Co., Ltd. Established in 1996, and specializes in the manufacture of quartz ultraviolet bactericidal lamps. Its major products are divided into two categories: cold cathode lamps and hot cathode lamps. It has had many years of experience in manufacturing OEM products for domestic and overseas customers, at the same time it gets support from internationally well-known companies and experts who specialize in the production of ultraviolet bactericidal lights, and cooperates with a number of colleges and universities and optoelectronic technology research institutes. Under such supports, it gradually and steadily improves its technical capacity and has always been in the leading position in the same trade in China. In order to better improve its management, the company started introducing ISO9001: 2000 quality management system from the year of 2004, and hence the products quality obtained further improvement.



*Due to our existence, life becomes easy.
We are true UV-bactericidal experts in the world.*



Equipment Articles 设备篇

公司引进国外先进设备和检测仪器
来保证产品的质量

我们坚信：

为社会带来价值、
为客户带来价值是我们的责任。
我们奉行只要能给他人创造价值就一定给自己带来收益。
为客户提供专业、
优质以及快速的服务是我们的职责。

WE FIRMLY BELIEVE:

It's our responsibility to bring values to
society and our clients
We strongly hold that creating value for others
will definitely bring our own benefits.
It's our obligation to provide our customer with professional,
high grade and prompt services.



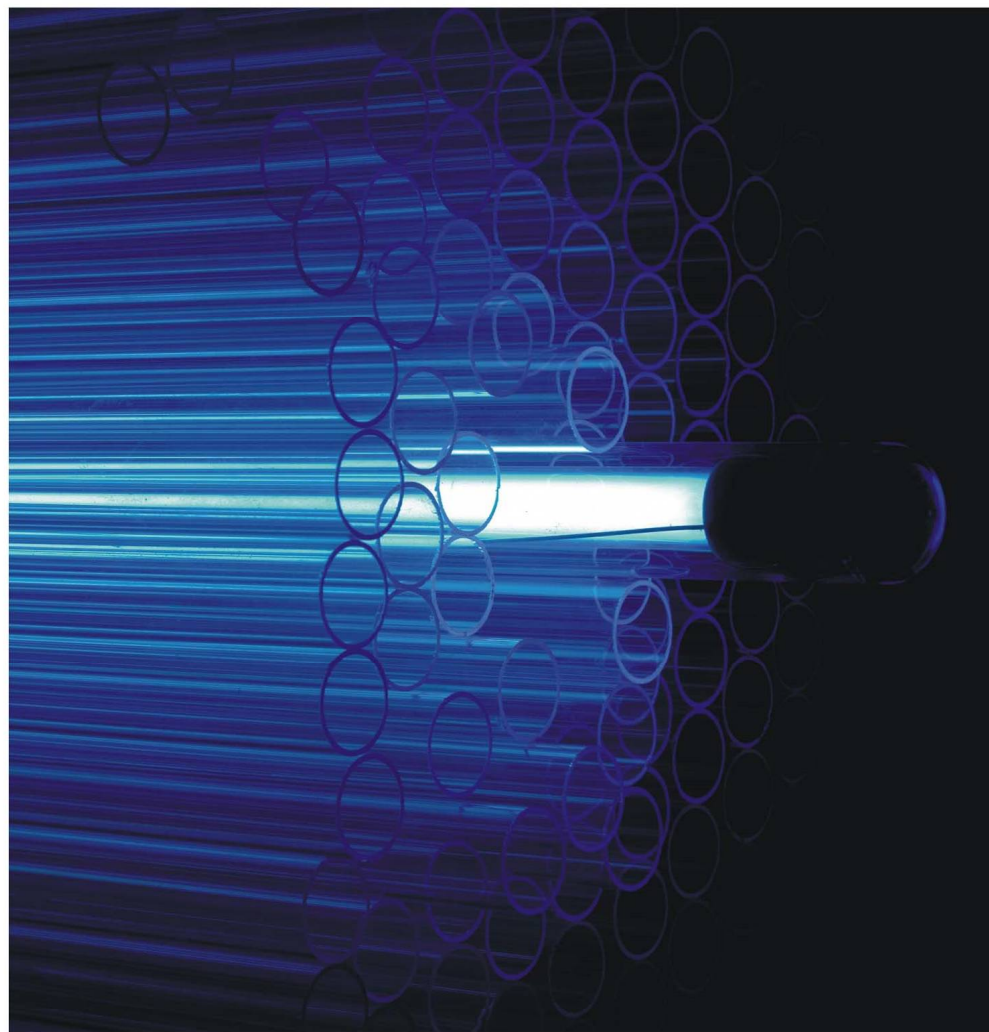
借助于我们丰富的为广泛客户服务所积累的经验，
利用领先的理念，先进的技术，
帮助他们取得产品的进步与创新。

With advanced ideal technology and ample professional experiences
Accumulated from serving our customers,
We help them with the advancement and innovation of product



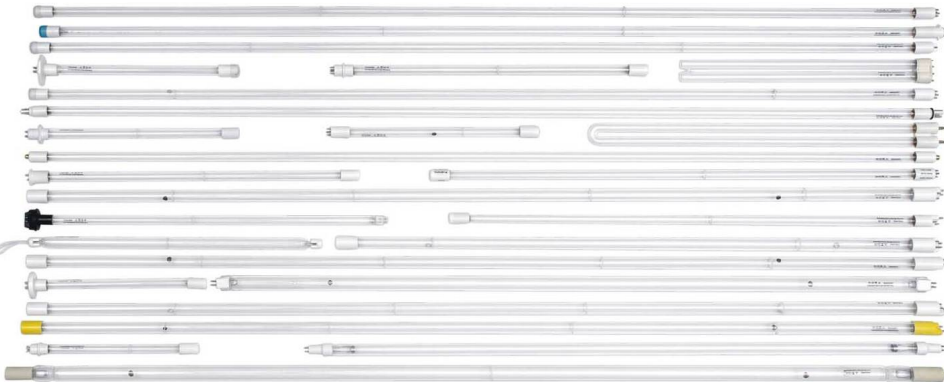
YAGUANG Lighting Electrical

Quartz Lamps



Quartz Lamps

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◆ Preheat Start Lamps

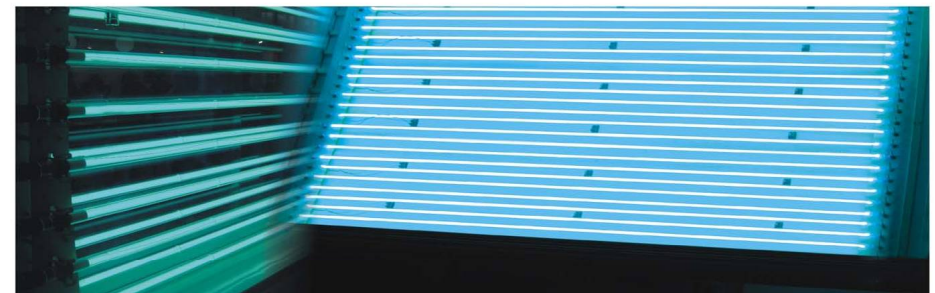
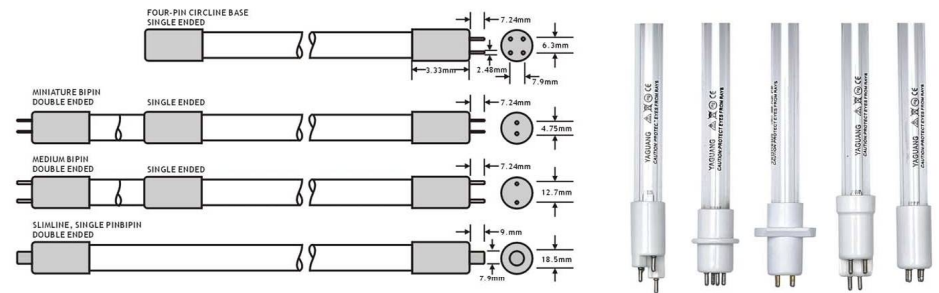
Model	Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m,254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
GPH212T5L	15	212	132	10	425	30	25	26	2.7	9,000	13,000
GPH212T5VH	15	212	132	10	425	30	25	26	2.7	9,000	13,000
GPH287T5L	15	287	207	14	425	41	34	40	4	9,000	13,000
GPH287T5VH	15	287	207	14	425	41	34	40	4	9,000	13,000
GPH303T5L	15	303	223	15	425	43	35	43	4.3	9,000	13,000
GPH303T5VH	15	303	223	15	425	43	35	43	4.3	9,000	13,000
GPH357T5L	15	357	277	17	425	51	42	57	5.7	9,000	13,000
GPH357T5VH	15	357	277	17	425	51	42	57	5.7	9,000	13,000
GPH436T5L	15	436	356	21	425	62	51	72	7.3	9,000	13,000
GPH436T5VH	15	436	356	21	425	62	51	72	7.3	9,000	13,000
GHP793T5L	15	793	713	38	425	112	92	125	13.5	9,000	13,000
GHP793T5VH	15	793	713	38	425	112	92	125	13.5	9,000	13,000
GPH843T5L	15	843	762	41	425	120	98	136	15	9,000	13,000
GPH843T5VH	15	843	762	41	425	120	98	136	15	9,000	13,000
GPH1148T5L	15	1,148	1,067	55	425	165	135	174	21	9,000	13,000
GPH1148T5VH	15	1,148	1,067	55	425	165	135	174	21	9,000	13,000
GPH1554T5L	15	1,554	1,474	75	425	220	179	223	31	9,000	13,000
GPH1554T5VH	15	1,554	1,474	75	425	220	179	223	31	9,000	13,000
GPH1630T5L	15	1,630	1,550	79	425	231	189	228	32.5	9,000	13,000
GPH1630T5VH	15	1,630	1,550	79	425	231	189	228	32.5	9,000	13,000

警告：紫外线有害人体的眼睛和皮肤

WARNING: The radiation of those lamps is harmful to eyes and skin, Protect your eyes and your skin against the ultraviolet rays.

◆ Instant Start Lamps

Model	Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m,254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
G10T5L	15	357	277	17	425	51	42	57	5.7	9,000	13,000
G10T5VH	15	357	277	17	425	51	42	57	5.7	9,000	13,000
GSL692T5L	15	692	612	32	425	94	77	95	11	9,000	13,000
GSL692T5VH	15	692	612	32	425	94	77	95	11	9,000	13,000
G36T5L	15	843	762	41	425	120	98	130	15	9,000	13,000
G36T5VH	15	843	762	41	425	120	98	130	15	9,000	13,000
G48T5L	15	1,148	1,067	55	425	165	135	170	21	9,000	13,000
G48T5VH	15	1,148	1,067	55	425	165	135	170	21	9,000	13,000
G64T5L	15	1,554	1,474	75	425	220	179	220	31	9,000	13,000
G64T5VH	15	1,554	1,474	75	425	220	179	220	31	9,000	13,000
G67T5L	15	1,630	1,550	79	425	231	189	225	32.5	9,000	13,000
G67T5VH	15	1,630	1,550	79	425	231	189	225	32.5	9,000	13,000



Quartz Lamps

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UV LAMP



◆ Cold Cathode Lamps

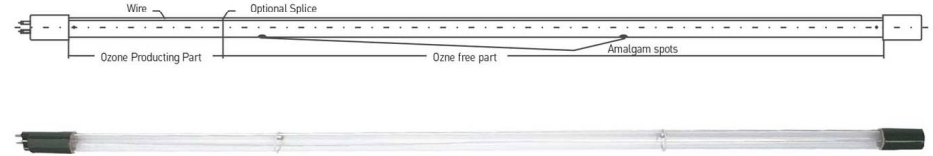
Model	Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m.254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
782L10	15	357	221	15	90	180	165	22	2.8	17,500	NA
782VH10	15	357	221	15	90	180	165	22	2.8	17,500	NA
782L20	15	611	475	22	90	270	240	45	5.5	17,500	NA
782VH20	15	611	475	22	90	270	240	45	5.5	17,500	NA
782L30	15	865	729	28	90	350	310	63	8.3	17,500	NA
782VH30	15	865	729	28	90	350	310	63	8.3	17,500	NA

◆ High Output Lamps

Model	Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m.254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
GPH436T5L/HO	15	436	360	48	800	70	70	120	13	9,000	13,000
GPH436T5VH/HO	15	436	360	48	800	70	70	120	13	9,000	13,000
GH036T5L	15	842	755	87	800	125	125	260	28	9,000	13,000
GH036T5VH	15	842	755	87	800	125	125	260	28	9,000	13,000
GPH846T5L/HO	15	846	767	90	800	127	127	265	29	9,000	13,000
GPH846T5VH/HO	15	846	767	90	800	127	127	265	29	9,000	13,000
GPH893T5L/HO	15	893	815	95	800	135	135	270	30	9,000	13,000
GPH893T5VH/HO	15	893	815	95	800	135	135	270	30	9,000	13,000
GH064T5L	15	1554	1,421	155	800	220	220	380	45	9,000	13,000
GH064T5VH	15	1554	1,421	155	800	220	220	380	45	9,000	13,000
GPH1149T12L/HO	38	1149	985	90	1250	90	90	325	35	10,000	13,000
GPH1149T12VH/HO	38	1149	985	90	1250	90	90	325	35	10,000	13,000

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◆ Amalgam Lamps

Operating Conditions		Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage V	UV Output at 1m.254nm		Rated Life Hours	Ballast Power W	Ballast Input Current A
								μ w/cm ²	W			
GPHA357T5L	Universal Application	15	357	278	42	1.2	36	110	11	13,000	42	1.2
GPHVA357T5VH	Universal Application	15	357	278	42	1.2	36	115	11	13,000	42	1.2
GPHA843T5L	Universal Application	15	843	764	105	1.2	88	320	35	13,000	105	1.2
GPHVA843T5VH	Universal Application	15	843	764	105	1.2	88	320	35	13,000	105	1.2
GPHA1000T5L	Universal Application	15	1,000	921	127	1.2	107	370	42	13,000	127	1.2
GPHVA1000T5VH	Universal Application	15	1,000	921	127	1.2	107	370	42	13,000	127	1.2
GPHA1554T5L	Universal Application	15	1,554	1,475	190	1.2	164	500	68	13,000	190	1.2
GPHVA1554T5VH	Universal Application	15	1,554	1,475	190	1.2	164	500	68	13,000	190	1.2
GPHA357T6L	Universal Application	19	357	278	57	1.8	32	130	13	13,000	57	1.8
GPHVA357T6VH	Universal Application	19	357	278	57	1.8	32	130	13	13,000	57	1.8
GPHA843T6L	Universal Application	19	843	764	127	1.8	71	400	43	13,000	127	1.8
GPHVA843T6VH	Universal Application	19	843	764	127	1.8	71	400	43	13,000	127	1.8
GPHA1000T6L	Universal Application	19	1,000	921	150	1.8	84	460	52	13,000	150	1.8
GPHVA1000T6VH	Universal Application	19	1,000	921	150	1.8	84	460	52	13,000	150	1.8
GPHA1554T6L	Universal Application	19	1,554	1,475	240	1.8	134	600	84	13,000	240	1.8
GPHVA1554T6VH	Universal Application	19	1,554	1,475	240	1.8	134	600	84	13,000	240	1.8
GPHHA357T6L	Universal Application	19	357	278	65	2.1	31	140	14	13,000	65	2.1
GPHHA843T6L	Universal Application	19	843	764	172	2.1	82	490	54	13,000	172	2.1
GPHHA1000T6L	Universal Application	19	1,000	921	207	2.1	99	570	65	13,000	207	2.1
GPHHA1554T6L	Universal Application	19	1,554	1,475	320	2.1	154	750	105	13,000	320	2.1
GPHHA1200T8L	Universal Application	25	1,200	1,121	220	2.9	75	600	95	13,000	300	2.9
GPHHA1515T9L	Universal Application	28	1,515	1,440	270	3.8	71	447	105	13,000	320	2.1
GPHHA1515T10L	Universal Application	32	1,515	1,440	320	3.8	84	470	105	13,000	320	2.1
GXA1500T10L	Universal Application	32	1,500	1,435	270	3.8	75	650	93	13,000	270	3.8
GPHHA1310T10VH	Universal Application	32	1,310	1,190	404	5.0	82	1,050	130	13,000	404	5.0
GPHHA1554T10L	Universal Application	32	1,554	1,434	471	5.0	95	1,160	157	13,000	471	5.0
GPHHA1790T12L	Universal Application	38	1,790	1,600	800	8.0	100			13,000	800	8.0

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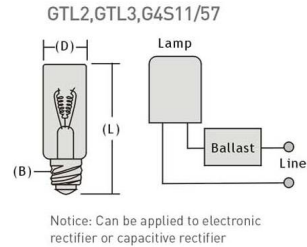
Quartz Lamps

Germicidal Lamps

Germicidal lamps efficiently emit a large amount of ultraviolet rays 253.7nm(nanometers) which have excellent germicidal effect. These lamps have structures and electrical characteristics similar to those of general fluorescent lamps used for illumination but use ultraviolet ray glass which efficiently transmits ultraviolet rays at 253.7nm.

A large selection is available with different sizes, shapes and ultraviolet ray output so that the most appropriate one can be selected according to the purpose.

The lamps are primarily useful for sterilization of air, the surfaces of various materials and water or liquid.



Model	Lamp Wattage W	Length L	Diameter D	Shape	Cap B	Lamp Current A	Ultraviolet Output W	Average Useful Life (h)
GTL2	2	55	17	Tube	E17	0.220	0.12	2,000
GTL2	2	55	19	Tube	E17	0.220	0.12	2,000
GTL3	3	63	17	Tube	E17	0.300	0.16	2,000
GTL3	3	63	19	Tube	E17	0.300	0.16	2,000
G4S11/57	3.5	57	35	Tube	E17	0.350	0.18	2,000

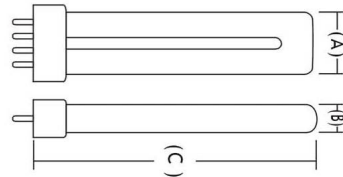
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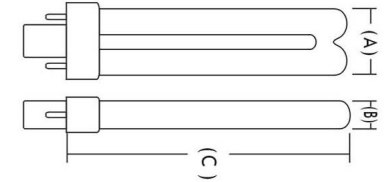


Quartz Yaguang S-Lamps

Due to our existence, life becomes easy.
We are true UV-bactericidal experts in the world.



2G7 or 2G11 Cap



G23 or Gx23 Cap

◆ Quartz H-Lamps

Model	Diameter (A) mm	Diameter (B) mm	Diameter (C) mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m.254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
G23 & Gx23 & 2G7 BASE											
GPX5	28	12	85	5	180	35	NA	NA	1.2	8,000	NA
GPX5VH	28	12	85	5	180	35	NA	NA	1.2	8,000	NA
GPX7	28	12	115	7	180	45	NA	NA	1.9	8,000	NA
GPX7VH	28	12	115	7	180	45	NA	NA	1.9	8,000	NA
GPX9	28	12	145	9	180	60	NA	NA	2.4	8,000	NA
GPX9VH	28	12	145	9	180	60	NA	NA	2.4	8,000	NA
GPX11	28	12	215	11	155	90	NA	NA	3.0	8,000	NA
GPX11VH	28	12	215	11	155	90	NA	NA	3.0	8,000	NA
GPX13	28	12	170	13	285	59	NA	NA	3.6	8,000	NA
GPX13VH	28	12	170	13	285	59	NA	NA	3.6	8,000	NA
2G11 BASE											
GPL18K	38	18	225	18	375	58	NA	NA	5.5	8,000	NA
GPL18KVH	38	18	225	18	375	58	NA	NA	5.5	8,000	NA
GPL24K	38	18	320	24	345	87	NA	NA	8.5	8,000	NA
GPH24KVH	38	18	320	24	345	87	NA	NA	8.5	8,000	NA
GPL36K	38	18	415	36	435	87	NA	NA	12.0	8,000	NA
GPL36KVH	38	18	415	36	435	87	NA	NA	12.0	8,000	NA
GPL55K	38	18	415	55	540	106	NA	NA	17.0	8,000	NA
GPL55KVH	38	18	415	55	540	106	NA	NA	17.0	8,000	NA

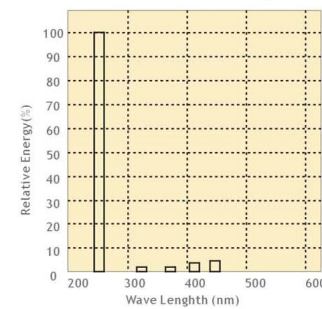
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◆ Compact Lamps

Model	Tube diameter mm	BF-BF mm	Arc length mm	Power W	Current mA	Voltage at 50/60Hz V	Voltage at High Freq V	UV Output at 1m.254nm		Rated Life	
								μ w/cm ²	W	Effective Life Version (h)	Ultimate Life Version (h)
GU76-10T5L	15	169/22	277	17	425	51	42	57	5.7	9,000	13,000
GU76-10T5VH	15	167/22	277	17	425	51	42	57	5.7	9,000	13,000
GU22-10T5L	15	186/22	277	17	425	51	42	57	5.7	9,000	13,000
GU22-10T5VH	15	186/22	277	17	425	51	42	57	5.7	9,000	13,000
GU22-390T5L	15	390/22	699	36	425	100	85	105	12	9,000	13,000
GU22-390T5VH	15	390/22	699	36	425	100	85	105	12	9,000	13,000
GU76-390T5L	15	390/22	711	37	425	108	88	110	12.8	9,000	13,000
GU76-390T5VH	15	390/22	711	37	425	108	88	110	12.8	9,000	13,000
GU76-36T5L	15	412/22	762	41	425	120	98	130	14.3	9,000	13,000
GU76-36T5VH	15	412/22	762	41	425	120	98	130	14.3	9,000	13,000
GU22-36T5L	15	429/22	762	41	425	120	98	130	14.3	9,000	13,000
GU22-36T5VH	15	429/22	762	41	425	120	98	130	14.3	9,000	13,000

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YAGUANG[®]
UV LAMP



UV Germicidal Lamps In Photolysis Fumes (kitchen) Purification System 光解油烟(厨房)净化系统的紫外线杀菌灯

PRODUCTS FEATURES / 产品特点

紫外线灯管用于异味，油烟，油脂的去除传统的油烟净化系统仅用药物处理。而亚光生产的臭氧紫外灯利用“光解氧化”原理，将油脂彻底分解并改变其存在方式。对厨房油烟机中油脂进行“冷燃烧”，净化处理后无残留油脂成分，同时起到防火，彻底杀菌及去除异味的作用。

It is Ozone Producing UV lamps, It is the Oxidation Process through the Ozone, and the Photolysis of the 185 nm wavelength that breaks down the Cooking Oils and Fats.

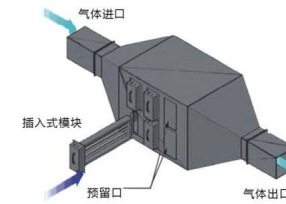
The use of fats and cooking oils in a Commercial Kitchen causes deposits of these fats and cooking oils to build up inside the Exhaust Canopies. As the Grease Filters supplied to remove these aerosol deposits are only in the order of ~97% efficient, this allows over time for considerably deposits to build up inside the Exhaust Air Duct Work, making it a major Fire Hazard

PRODUCTS ADVANTAGES / 产品优势

- 紫外线油烟处理效率高
- 杜绝烟道火灾隐患
- 有效杀菌和去除异味
- 不产生二次污染
- 设备运行成本低，节能效果佳
- 设备保养维护方便，成本低廉
- UV lamp fume treating with high efficiency
- Eliminate fire hazards flue
- Effective sterilization and odor removal
- No secondary pollution
- Low operating costs, reduced cleaning costs



PURIFICATION PROCESS / 净化流程

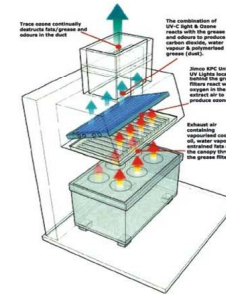


- 厨灶工作过程产生的油烟被排风吸入烟罩，穿过亚光光解油烟净化系统；
- 亚光光解油烟净化系统光解氧化油脂分子，同时杀菌除异味；
- 亚光氧化后生成的挥发性小分子进入烟道，然后随排风排出；
- 残留极微量白色结晶粉末定期经抹布擦拭后随生活垃圾一同处理；

注：固化白色粉末属于干性粉末，不粘手，无臭无味，对人体无害，能阻燃，且100%可生物降解。

Yaguang's High Output Ozone producing lamps break down the Fats and Oils into Carbon Dioxide (CO₂) and Water 2 Vapour leaving a light grey coloured ash on the inside of the exhaust air duct work. This ash is not combustible, and can be easily wiped away.

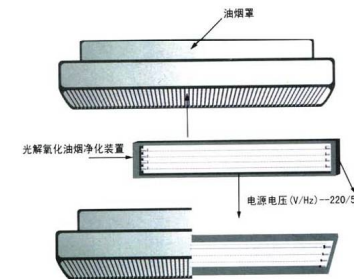
WORK PRINCIPLE / 工作原理



亚光光解油烟净化系统特制灯管发出的光波段激发油烟中的油烟分子，将油烟分子链切断，形成微小的激发态油烟分子（光解作用）；这些物质和氧气反应，形成微量无毒性固态粉末，部分生成二氧化碳（CO₂）、水分子（H₂O）被风带走，达到净化油烟的目的。

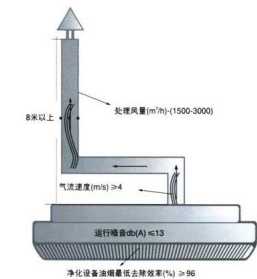
亚光光解油烟净化系统特制灯管还可以高效去除排烟中的异味和细菌。细菌属于有机生物，其脱氧核糖核酸（DNA）及核蛋白吸收紫外波段的高能紫外光，细菌吸收紫外光后，引起DNA链断裂，造成核酸和蛋白的交联破裂，杀灭核酸的生物活性，导致细菌迅速死亡。异味分子同样吸收紫外波段的高能紫外光而发生分解，转化成无气味物质。

INSTALLATION CONDITIONS / 安装条件



- 具备新风条件
- 标准的厨房排烟罩
- 具备相应烟道
- 标准均流器
- 电源

INSTALLATION / 安装方式



- 标准安装是将PT装置安装在排烟罩中，安置角度要尽量垂直、左右相等于油烟方向；
- 将PT装置安装在集烟风逆中间；
- FLO箱体式
- 上述三种形式任意两种可组合式安装；
- 上述四种安装形式是根据用户现场的油脂浓度、温度、湿度、风量、风道、烟逆长度与截面积、排烟罩结构等现场情况因素来决定。



UV Germicidal Lamps In Water Treatment 水处理的紫外线杀菌灯 (杀菌氧化)

空气净化:

空调系统和除湿器中水的消毒杀菌, 可以防止生物灭杀剂进入空气。

水产业:

水经过处理后, 可供在流动水或静止水中人工养殖鱼类、蚌类、蟹类和作物。这可以保护养殖产品免受外界环境影响, 并节约用水。

农业:

农业生产中, 在温室和暖棚中需要使用大量的水。在此类封闭的水循环中, 灌溉水中很容易产生病原体。如果重复使用这种水, 病原体传播至整个灌溉系统, 对作物生长和人体健康产生有害影响, 而消毒杀菌可以确保良好的收成。

压舱水:

随着国际航运业的发展, 微生物有规律的被压舱水带入不同的生态系统。这些微生物可以通过船上的紫外线杀菌措施进行消灭。

AIR PURIFIER:

Uv lamps used in air-conditioning systems and dehumidifiers, can prevent biocides into the air.

AQUACULTURE:

Water after uv lamp treatment, used in flowing water or still water for farmed fish, frogs, crabs, can protect water against outside influence

AGRICULTURE:

In the process of agricultural production, it will need a lot of water in greenhouses. of water. irrigation water will produce pathogens easily in this kind of closed water cycle, repeated use of this virus can cause the wide pathogens spread to the whole irrigation system, it is harmful for the crop and human health, UV lamp disinfection can be used for the good harvest.

BALLAST WATER:

Microbe get into the different ecologic systems regularly through ballast water.these microbe can be eliminated by the UV disinfection step.

*Due to our existence, life becomes easy.
We are true UV-bactericidal experts in the world.*

YAGLAIG®
UV LAMP



用于市政水处理的紫外杀菌灯

饮用水:

卫生安全的饮用水供应是确保健康, 防止疾病的重要因素。紫外杀菌灯可以对饮用水进行杀菌处理, 无需使用化学品, 对水的味道、气味或pH值没有影响。

特殊优点:

病原体不会产生对紫外线的耐受性。

A supply of clean Drinking Water, (Potable) is critical for Human consumption. Germicidal UV Light can provide Potable Water free from Human Disease causing Pathogens without changing the chemical characteristics of the water.

用于工业水处理的紫外线灯

生产用水:

工业生产中需要洁净的、经过消毒杀菌的水用于多种用途, 例如食品和饮料生产以及化妆品、化工和汽车工业中的冲洗和清洁处理和生产过程, 其中的水都需要再循环和重新使用。

Industrial production requires a clean source of water for a multitude of purposes, such as Food, Beverage, Cosmetics, Agriculture, Chemical, etc. Many of these Industries require the water to be Recycled and Reused.

DOMESTIC USE OF WATER PROCESSING APPLICATIONS \ 民用水处理的应用

废水: 酒店和运动中心中的淋浴用水等轻度污染废水可以经过重新处理, 用于灌溉等用途。

私家饮用水系统: 非集中型的饮用水处理在偏远地区越来越受欢迎。在这种情况下, 紫外线消毒可以杀灭私家或公共热水供应系统 (例如游泳馆) 中的军团菌。

民用水处理的其他应用包括: 水族馆、鱼塘、游泳池。

WASTER WATER: The light-polluted waster water of the bath water from the hotels and sports center can be used in the irrigation after the retreatment.
PRIVATE DRINKING WATER SYSTEM: None-concentrating drinking water system become more and more popular recently.under this circumstances, various virus can be killed by the UV disinfection system in the hotwater supply system.

OTHERS FOR DOMESTIC USE OF WATER PROCESSING APPLICATIONS: Aquarium, Halasto and pool.



THE ADVANTAGES OF UV GERMICIDAL LAMP \ 紫外杀菌灯的优点

- 无有害味道或气味
- 无需添加化学品
- 对环境无影响
- 所需辐射时间短
- 有效消灭抗氯性病原体
- 易于使用
- 维护方便
- 操作成本低
- No adverse taste or odor
- No need to add chemicals
- More easy and convenience
- Reduce the service cost

UV Germicidal Lamp In Air Purifier

空气处理的紫外线杀菌灯 (杀菌氧化)

UV LAMP USED IN AIR DISINFECTION / 紫外线用于空气杀菌

紫外线能够提供微生物总数含量较低的健康空气，这改善了制药和食品加工行业的卫生及存储条件。空气中的微生物如病毒、细菌、酵母菌、真菌等，都会污染原材料和食品。由于紫外线短波具有超强的杀菌作用，因此它能减少空气中微生物的含量。微生物体内的DNA一旦受到紫外短波的辐射，它的结构就会遭到破坏并失去活性，从而被杀灭。

在处理一包装一储存过程中，受污染的空气经过空气管道入口时即可被消毒，使空气中长期含有的细菌总数较低。此时只使用不产生臭氧的紫外灯即可；这种紫外灯使用特殊的石英玻璃可以将产生臭氧的紫外线过滤掉。

Ultraviolet supply health air with low total number of microbe,improved the Health and storage conditions of the Pharmaceutical and food processing industry.the microbe in the air such as Viruses, germs, virus and fungal yeast all will pollute the raw material and food.Short wave ultraviolet have strong disinfection effect,it can reduce the content of the microbe in the air.The DNA structure in the microbe can be destroyed then loose activity to be killed, after the radiation of the short wave ultraviolet. In the process of treatment-packing-storage,the polluted air can be disinfected when go through the air tunnel,reduce the total number of virus in the air.No ozone lamp can be used in this process.

THE ADVANTAGES OF UV GERMICIDAL LAMP

紫外灯的优势

- 高功率紫外灯技术：可产生大量的波长为254mm的紫外线（强大杀菌能力）和波长为185mm的紫外线（产生臭氧的能力很强）
- 很容易改装到在现有的空气处理设备上
- 操作简便
- Easy Operate ,
- No Secondary Pollution,
- Simple TO Install.

UV LAMP USED FOR REMOVING THE ODOR / 紫外灯去除异味

能产生臭氧的紫外线可用于去除异味。这些异味大都产生于商业化的厨房的排气和能产生强烈刺激气味的食品车间，像鱼店的排气管、食品加工工业、污水处理设备等。如果这些有刺激性气味的气体扩散到附近的居民区，将会产生气体污染。在有些国家如瑞典，人们制定了法律来控制废气的排放和处理，以减少来自餐馆的气体污染。用紫外线来处理废气是一个简单的方法，它能预防气体污染问题的产生，达到官方法律的要求，而且成本较低。

Ozone type of UV lamp can be used to removing the odor,which resulted from Commercial kitchen exhaust and the strong odor food workshop,such as fish shop exhaust pipe,food processing industry,waster water treatment system. If the odor spread into neighbouring residential area,the air will be polluted.In some country such as Sweden people formulated law to control the exhaust emission and processing to reduce air pollution from the restaurant.UV is an easy and economic way to treat the exhausting air,it can prevent the ari from prolluting,hence to be in accordance with the law.

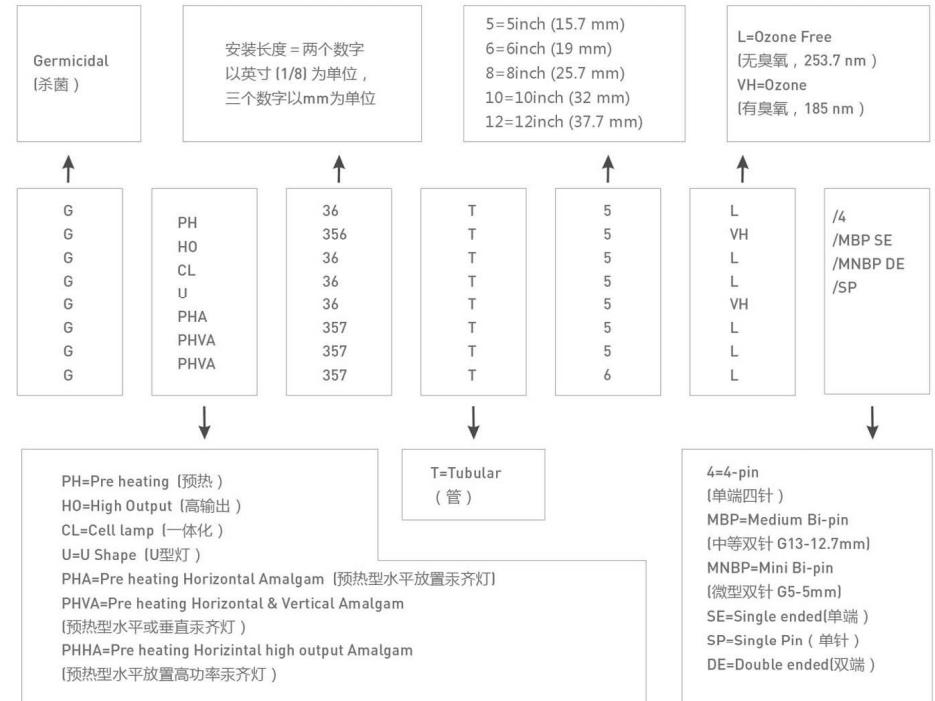
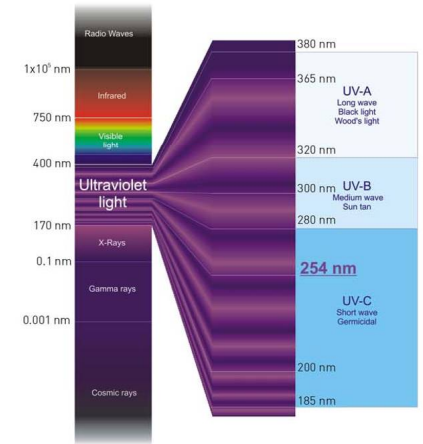


Quartz Germicidal Lamp Model To Explain

亚光石英紫外线灯管型号



THE ELECTROMAGNETIC RADIATION SPECTRUM



Quartz S-Lamps

Due to our existence, life becomes easy.
We are true UV-bactericidal experts in the world.

YAGLAIG[®]
UV LAMP

◆ U Type Cold Cathode Lamps

Model	Tube diameter mm	Voltage Deviation V	Current Deviation mA	Power Deviation w	Surface UV Radiation Intensity μ W/cm ²	N Ozone production rate g/(kw.h)	Life \geq h
ZLU5-53W	5	228	5.3	1.2	\geq 14000	\geq 0.15	13000
ZLU5-53Y	5	228	5.3	1.2	\geq 14000	\geq 0.15	13000
ZLU5-60W	5	250	5.3	1.3	\geq 14000	/	13000
ZLU5-100W(DU)	5	275	6.5	1.8	\geq 6000	/	13000
ZLU5-100Y(DU)	5	380	6.3	2.3	\geq 6000	\geq 0.05	13000
ZLU5-150W	5	450	5.8	2.5	\geq 10000	/	13000
ZLU5-150Y	5	450	5.8	2.5	\geq 10000	\geq 0.3	13000
ZLU5-200W	5	620	5.2	3.0	\geq 10000	/	13000
ZLU5-250W	5	650	9.7	5.8	\geq 15000	/	13000
ZLU5-250Y	5	650	9.7	5.8	\geq 15000	\geq 0.7	13000
ZLU7-363Y(DU)	7	440	32.0	12.3	\geq 40*	/	13000
ZLU7-363Y(DU)	7	440	32.0	12.3	\geq 40*	\geq 0.12	13000
ZLU4-35W	4	160	5.7	0.9	\geq 14000	/	12000
ZLU4-35Y	4	160	5.7	0.9	\geq 14000	\geq 0.8	12000
ZLU4-40W	4	180	5.6	1.1	\geq 14000	/	12000
ZLU4-45W	4	210	5.5	1.1	\geq 14000	/	12000
ZLU4-45Y	4	180	5.5	1.1	\geq 14000	\geq 0.8	12000
ZLU4-55W	4	240	5.4	1.3	\geq 10000	\geq 0.25	12000
ZLU4-55Y	4	240	5.4	1.3	\geq 10000	\geq 0.25	12000
ZLU4-60W	4	240	5.3	1.3	\geq 10000	\geq 0.28	12000
ZLU4-60Y	4	240	5.3	1.3	\geq 10000	\geq 0.28	12000
ZLU4-70W	4	280	5.4	1.3	\geq 10000	/	12000
ZLU4-70Y	4	280	5.4	1.3	\geq 10000	\geq 0.32	12000
ZLU4-75W	4	280	6.5	1.7	\geq 13000	/	12000
ZLU4-75Y	4	280	6.5	1.7	\geq 13000	\geq 0.2	12000
ZLU4-80W	4	290	6.5	1.8	\geq 13000	/	12000
ZLU4-80Y	4	290	6.6	1.8	\geq 13000	\geq 0.45	12000
ZLU4-90W	4	310	6.4	1.9	\geq 13000	/	12000
ZLU4-90Y	4	310	6.4	1.9	\geq 13000	\geq 0.48	12000
ZLU4-100W	4	350	6.3	2.1	\geq 12000	/	12000
ZLU4-100Y	4	350	6.3	2.1	\geq 12000	\geq 0.5	12000
ZLU4-111W	4	370	6.3	2.3	\geq 12000	/	12000
ZLU4-115Y	4	375	6.3	2.3	\geq 12000	\geq 0.4	12000
ZLU4-130W	4	422	6.3	2.5	\geq 12000	/	12000
ZLU4-140W	4	450	6.1	2.6	\geq 12000	/	12000
ZLU4-150W	4	480	6.0	2.6	\geq 12000	/	12000
ZLU4-160W	4	490	5.8	2.6	\geq 12000	/	12000
ZLU4-165W	4	560	4.8	2.4	\geq 12000	/	12000
ZLU4-170W(DU)	4	580	4.1	2.4	\geq 8000	/	12000
ZLU4-175Y(DJ)	4	490	6.4	2.9	\geq 12000	\geq 0.04	12000
ZLU4-190W	4	620	5.5	3.2	\geq 9000	/	12000

注：以上紫外线测试强度为1mm；灯管可按客户提供的镇流器进行调整

警告：紫外线有害人体的眼睛和皮肤。

Note: The above UV lamp intensity is at the surface of 1mm;

All of the above with the UV lamp ballasts can be customized to customer requirements arbitrary.

WARNING: The radiation of those lamps is harmful to eyes and skin, Protect your eyes and your skin against the ultraviolet rays.

◆ Special Types Cold Cathode Lamps

Model	Tube diameter mm	Voltage Deviation V	Current Deviation mA	Power Deviation w	Surface UV Radiation Intensity μ W/cm ²	N Ozone production rate g/(kw.h)	Life \geq h
ZL10.5-288W	10.5	328	16.0	5.0	\geq 6000	/	15000
ZL10.5-288Y	10.5	330	16.0	5.0	\geq 6000	\geq 0.25	15000
ZLH15-105W	15	130	43.0	4.4	\geq 12*	/	15000
ZLH15-105Y	15	130	43.0	4.4	\geq 12*	\geq 0.005	15000
ZLH15-155W	15	180	42.0	6.2	\geq 14*	/	15000
ZLH15-155Y	15	180	42.0	6.2	\geq 14*	\geq 0.01	15000
ZLH15-205W	15	250	41.0	7.6	\geq 17*	/	15000
ZLH15-205Y	15	250	41.0	7.6	\geq 17*	\geq 0.02	15000
ZLH15-250W	15	290	40.0	8.1	\geq 20*	/	15000
ZLH15-250Y	15	290	40.0	8.1	\geq 20*	\geq 0.025	15000
ZLH15-310W	15	320	40.0	8.3	\geq 25*	/	15000
ZLH15-310Y	15	320	40.0	8.3	\geq 25*	\geq 0.03	15000
ZLU15-105W	15	130	43.0	4.4	\geq 12*	/	15000
ZLU15-155W	15	180	42.0	6.2	\geq 14*	/	15000
ZLU15-205W	15	250	41.0	7.6	\geq 17*	/	15000
ZLU15-250W	15	290	40.0	8.1	\geq 20*	/	15000
ZLU15-310W	15	320	40.0	8.3	\geq 25*	/	15000
ZLB6-70W	6	385	4.6	1.6	\geq 8000	/	15000
ZLB6-70Y	6	385	4.6	1.6	\geq 8000	\geq 0.08	15000
ZLB9-90W	9	300	6.6	1.9	\geq 9000	/	15000
ZLSU4-90Y	4	550	5.3	2.8	\geq 10000	\geq 0.02	15000
ZLS5-450W	5	560	5.7	2.9	\geq 7000	/	15000
ZLS5-550W	5	635	7.4	4.4	\geq 10000	/	15000
ZLS5-600W	5	630	9.8	5.8	\geq 14000	/	15000
ZLS5-700W	5	620	14.8	8.6	\geq 17000	/	15000
ZLHX12-120W	12	415	15.5	5.9	\geq 5000	/	15000
ZLHX12-100W	12	335	16.0	5.0	\geq 6000	/	15000
ZLHX8-95W	8	305	16.8	4.9	\geq 9000	/	15000
ZLBLX5-360W	5	570	6.1	3.1	\geq 4000	/	15000



Due to our existence, life becomes easy.
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◆ Cold Cathode Lamps

Model	Tube diameter mm	Voltage Deviation V	Current Deviation mA	Power Deviation w	Surface UV Radiation Intensity μ W/cm ²	N Ozone production rate g/(kw.h)	Life \geq h
ZL5-42W	5	155	5.6	0.9	\geq 4500	/	15000
ZL5-42Y	5	155	5.6	0.9	\geq 4500	\geq 0.02	15000
ZL5-50W	5	160	5.6	0.9	\geq 4500	/	15000
ZL5-50Y	5	160	5.6	0.9	\geq 4500	\geq 0.03	15000
ZL5-70W	5	190	5.5	1.0	\geq 4000	/	15000
ZL5-70Y	5	190	5.5	1.0	\geq 4000	\geq 0.05	15000
ZL5-90W	5	200	5.5	1.1	\geq 4000	/	15000
ZL5-110W	5	220	5.5	1.2	\geq 4000	/	15000
ZL5-110Y	5	220	5.5	1.2	\geq 4000	\geq 0.1	15000
ZL5-120W	5	250	5.3	1.3	\geq 4000	/	15000
ZL5-120Y	5	250	5.3	1.3	\geq 4000	\geq 0.15	15000
ZL5-135W	5	260	5.3	1.3	\geq 4000	/	15000
ZL5-135Y	5	260	5.3	1.3	\geq 4000	\geq 0.08	15000
ZL5-190W	5	350	6.3	2.1	\geq 5000	/	15000
ZL5-190Y	5	350	6.3	2.1	\geq 5000	\geq 0.25	15000
ZL5-240W	5	380	6.8	2.4	\geq 5000	/	15000
ZL5-295W	5	520	5.5	2.6	\geq 5000	/	15000
ZL5-300W	5	480	6.1	2.7	\geq 5000	/	15000
ZL5-540W	5	630	9.9	5.8	\geq 5500	/	15000
ZL5-600W	5	702	9.7	6.7	\geq 5500	/	15000
ZL5-700W	5	812	9.5	7.4	\geq 5500	/	15000
ZL3.5-730W	3.5	1100	6.9	7.0	\geq 6000	/	15000
ZL5-800W	5	932	9.5	8.9	\geq 5000	/	15000
ZL5-900W	5	1054	9.3	9.8	\geq 4500	/	15000
ZL5-1000W	5	1190	9.2	10.7	\geq 4000	/	15000
ZL6-90W	6	210	5.3	1.1	\geq 3500	/	15000
ZL6-152W	6	290	7.1	2.0	\geq 5000	/	15000
ZL6-162W	6	310	7.0	2.1	\geq 5000	/	15000
ZL6-171W	6	320	7.1	2.2	\geq 5000	/	15000
ZL6-190W	6	360	6.0	2.0	\geq 4500	/	15000
ZL6-232W	6	390	7.0	2.6	\geq 5000	/	15000
ZL7-162W	7	295	7.1	2.0	\geq 5000	/	15000

注：以上紫外线测试强度为1mm；灯管可按照客户提供的镇流器进行调整

警告：紫外线有害人体的眼睛和皮肤。

Note: The above UV lamp intensity is at the surface of 1mm;

All of the above with the UV lamp ballasts can be customized to customer requirements arbitrary.

WARNING: The radiation of those lamps is harmful to eyes and skin, Protect your eyes and your skin against the ultraviolet rays.



Quartz Sleeve

◆ Jacket Quartz Tube

Inside Diameter mm	Outside Diameter mm	Wall Thickness mm	Suggested Applications 15mm O.D. Standard and High Output lamps without end caps
17.0	19.0	1.00	15mm O.D. Standard and High Output lamps
18.0	20.5	1.25	15mm O.D. Standard and High Output lamps
19.0	22.0	1.20	15mm O.D. Standard and High Output lamps
20.0	22.0	1.00	15mm O.D. Standard, High Output and Amalgam lamps
20.0	22.5	1.25	15mm O.D. Standard and High Output lamps
20.0	23.0	1.50	19mm O.D. Standard, High Output and Amalgam lamps
22.0	24.5	1.25	19mm O.D. Standard and High Output lamps
22.0	25.0	1.50	19mm O.D. Standard and High Output lamps
25.0	28.0	1.50	19mm O.D. Standard and High Output lamps
26.0	30.0	2.00	25mm O.D. Standard, High Output and Amalgam lamps
26.0	30.0	1.80	
30.0	33.0	1.50	
32.0	36.0	2.00	32mm O.D. Standard, High Output and Amalgam lamps
34.0	38.0	2.00	32mm O.D. Standard, High Output and Amalgam lamps
35.0	38.0	1.50	32mm O.D. Standard and High Output lamps
42.0	45.0	1.50	
44.0	48.0	2.00	
45.0	48.0	1.50	

警告：紫外线有害人体的眼睛和皮肤

WARNING: The radiation of those lamps is harmful to eyes and skin, Protect your eyes and your skin against the ultraviolet rays.

