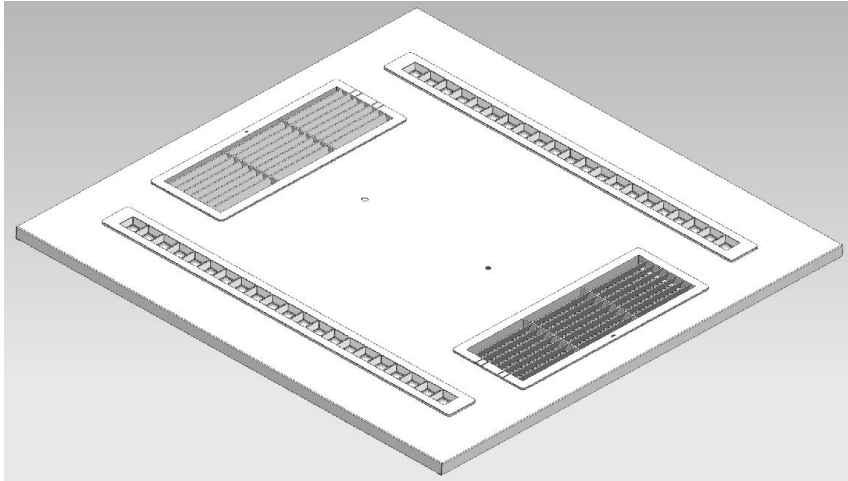




Air Circulation Germicidal light

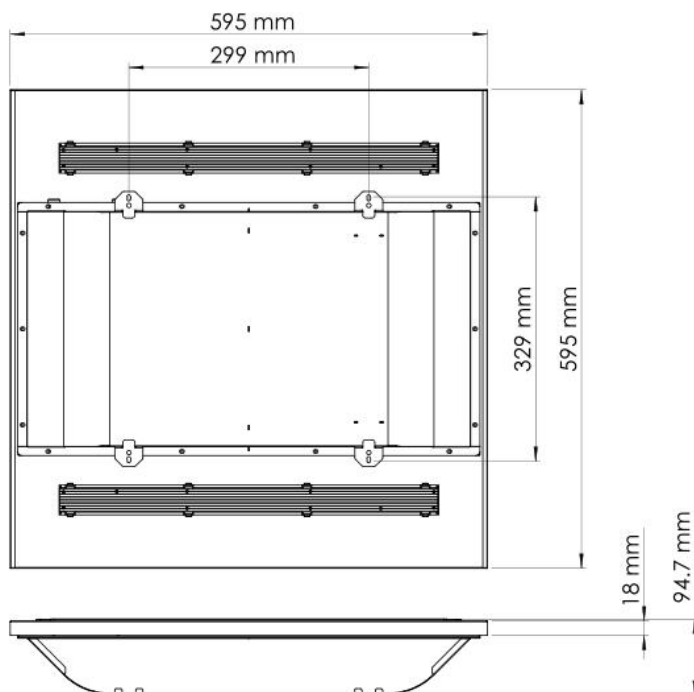
UV-C Disinfection/UV-C Sterilization UV-C Air Recirculation

Advantage

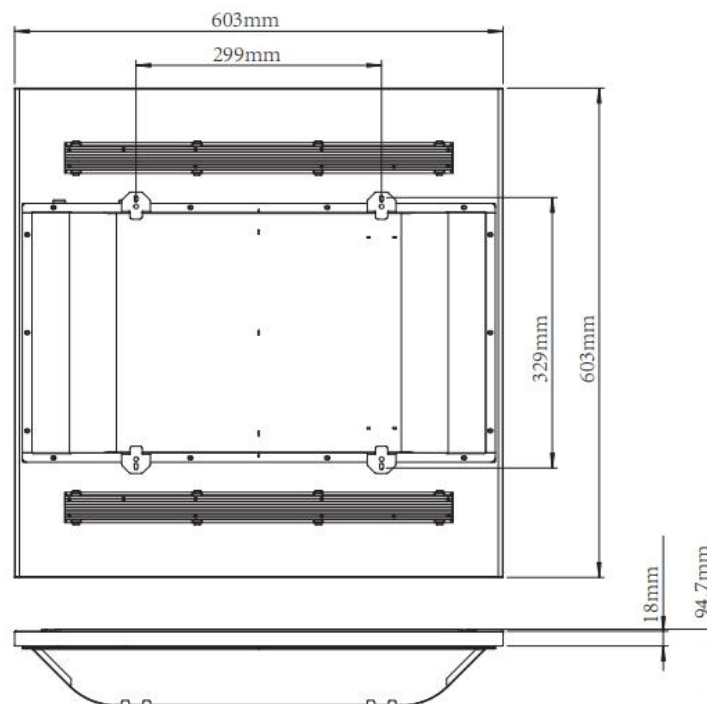


- 1. Using 253.7 wavelength ultraviolet light, can effectively kill mainstream viruses and bacteria, This germicidal wavelength does not generate Ozone, achieve the purpose of purifying the air.
- 2. The overall working noise is controlled under 42 decibels.
- 3. The UV tubes are 11000hours life time and easy to replace.(After 9000H using, the efficiency will be around 80%)
- 4. The filter cotton can effectively filter the dust in the air, protect the lamp tube from damage, and the filter cotton is easy to replace.
- 5. Ensuring that this light can be used continuously around people and pets.
- 6. Remote control or switch control, is optional.
- 7. Saving space(combine UVC and regular lighting).
- 8. Warranty 5 years. (Does not include fragile UVC lamp and filter cotton)
- 9. 30W, 120lm/W, Tridonic driver, UGR<16.
- 10. UVC shelled inside can be work when people occupied 100% Safty
- 11. **When the filter needs to be replaced, there will be a signal light to prompt the replacement**

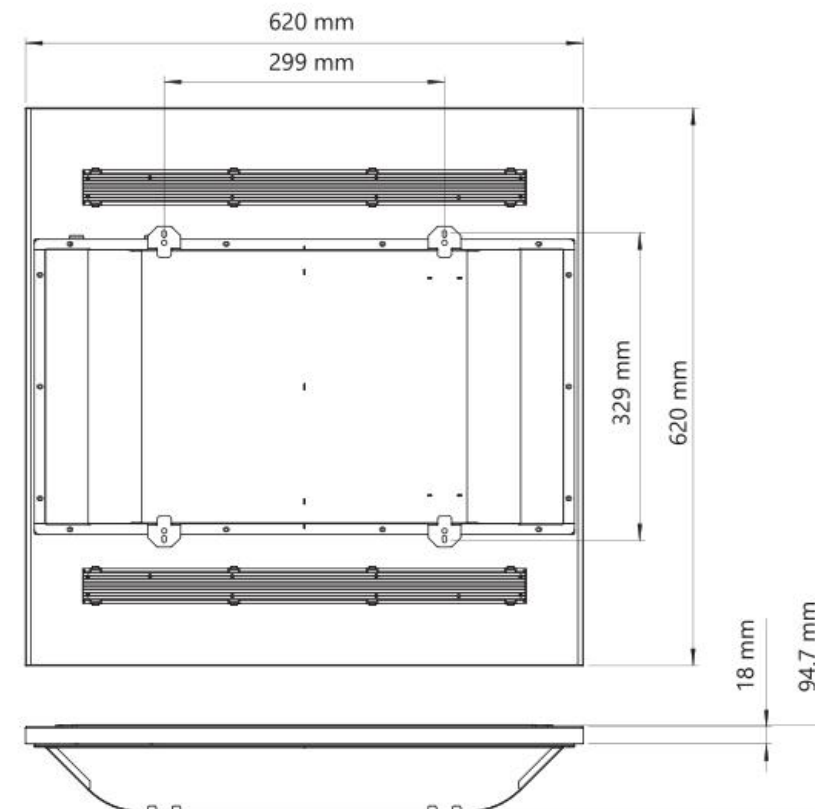
Dimensions



Thickness: 95mm
Size: 595x595



Thickness: 95mm
Size: 603x603



Thickness: 95mm
Size: 620x620

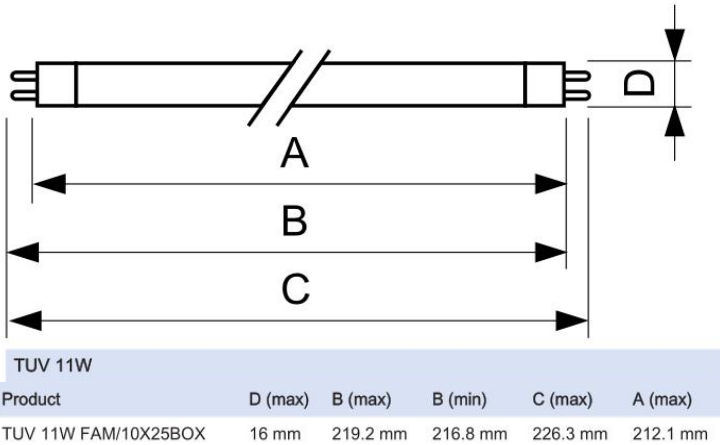
- Suitable different ceiling Size

You can replace this UVC Tube with philips brand as following item:

UVC information
Philips
TUV 11W FAM/10X25BOX

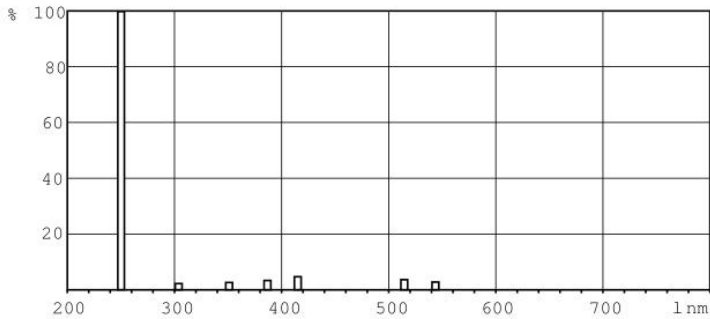


Dimensional drawing

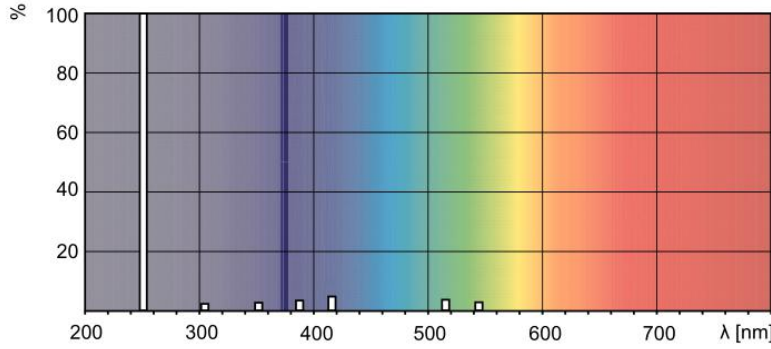


General Information	
Cap-Base	G5 [G5]
Main Application	Disinfection
Useful Life (Nom)	11000 h
Light Technical	
Color Code	- [Not Specified]
Color Designation - [Not Specified]	- [Not Specified]
Depreciation At Useful Lifetime 15%	
Operating and Electrical	
Power (Rated) (Nom)	11 W
Lamp Current (Nom)	0.33 A
Voltage (Nom)	26 V

Photometric data



Mechanical and Housing	
Cap-Base Information	-
Approval and Application	
Mercury (Hg) Content (Nom)	4.4 mg
UV	
UV-C Radiation	2.6 W
Product Data	
Full product code	871150055965427
Order product name	TUV 11W FAM/10X25BOX
EAN/UPC - Product	8711500559654
Order code	928002204013
Net Weight (Piece)	22.000 g



- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: Risk Group 3 Ultra Violet product. These lamps emit high-power UV radiation that can cause severe injury to skin and eyes.
- Avoid eye and skin exposure to unshielded product. Use only in an enclosed environment which shields users from the radiation

Light information

Item No.	CE item No.	Size(mm)	Wattage(W)	Colour temperature(K)	Lumen efficiency(LM)	UGR	Weight(KGS)
ES-ACG-595X595-30W	ES-ACG-30W	595X595X95MM	30	4000	3600	<16	6.6
ES-ACG-620X620-30W	ES-ACG-30W	620X620X95MM	30	4000	3600	<16	6.9
ES-ACG-603X603-30W	ES-ACG-30W	603X603X95MM	30	4000	3600	<16	6.7

- Dimmable driver and Dali driver optional
- 3000K/6000K, is optional

Fixture Compatibility

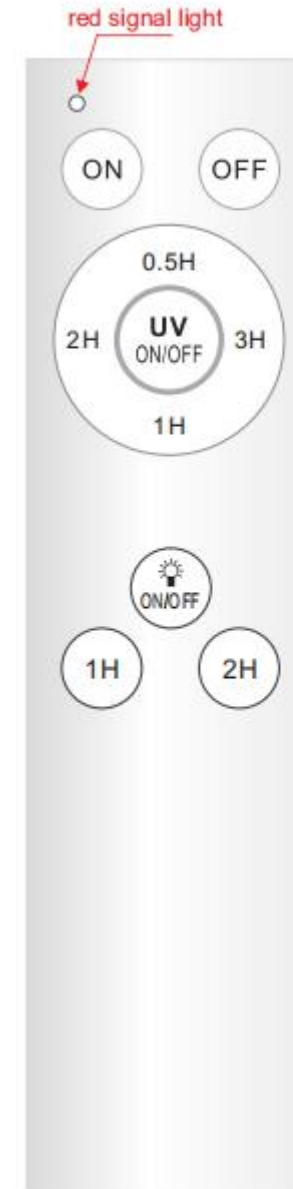
Light Wattage	Fan Wattage	UVC Tube	Electrical Classification	Ingress Protection	Operating Temp.	Operating Humidity	Storage Temp.
30W	1.4W(with remote control) 2.5(without remote control)	11W	I	IP20	-20°C~45°C	0~90%	-20°C~65°C

Filter information-Primary filter

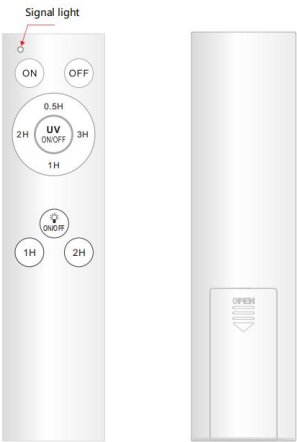
1. The main components are mostly: PET (polyester fiber) and PP (polypropylene fiber)
2. Filtration efficiency for 5µm particles are: 80%, European standards G3
3. The filters are suggested, to replace after 3 month(2160h) using.

Wireless infrared button remotecontroller

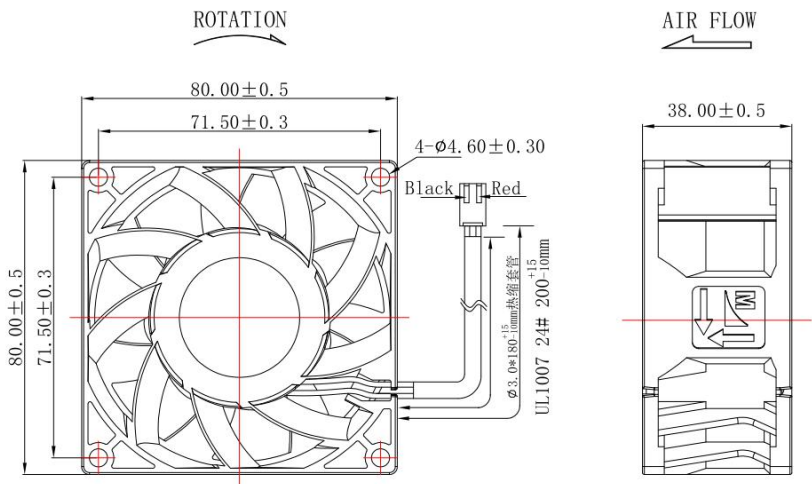
1. The lamp can be controlled by multiple remote controls;
2. Add the function of sterilization time setting, from 0.5H to 3H;
3. The sterilization function and the lighting function are separate;
4. The remote control uses two AAA batteries;



Fan infomation



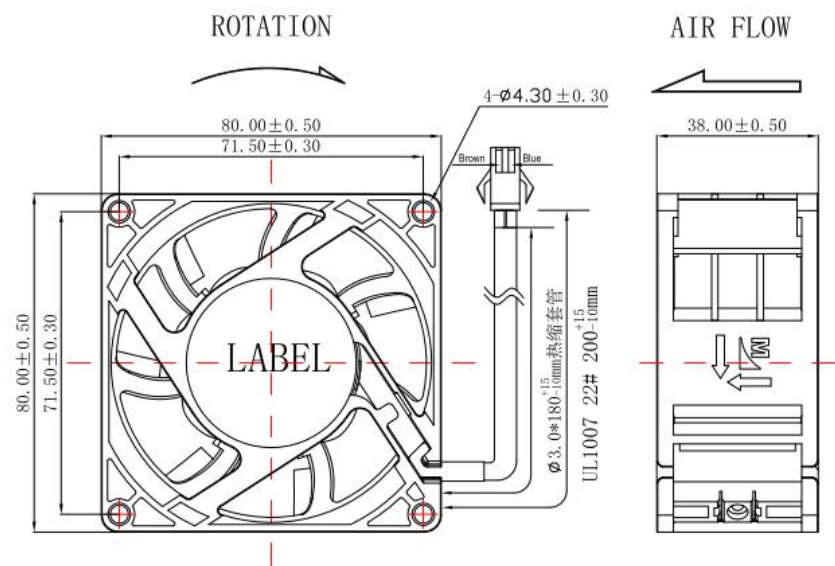
——with remote control



ITEM	Specifcation Condition		
Item No.	DZ08038B24LA		
Dimension	80x80x38mm		
Rated Voltage	24VDC		
Start-up Voltage	12VDC (50/60Hz)		25°C Switch power ON/OFF
Operating Voltage	14.0~27.6VDC		85-265VDC
Rated Speed	2300rpm	±10%	a.Rated Voltage
Maximum Current	0.06A	±10%	b.25°C and 65%RH
Maximum Power	1.44W		c.Measured after 5Mins
Rated Airflow	29.53	CFM	/PQ Measurement Apparatus : (LW9266-SR)
	0.84	m³/min	Standard : AMCA
Rated Static Pressure	0.12	Inch-H2O	Rated Voltage
	3.06	mm-H 2 O	Rated Current
Life Expectancy	70000hrs at 40°C		a.L10 at Conf. Level 90%
			b.Rated Voltage
Noise Level	29.7dB Max		a.Rated Voltage
			b.Non-Echo Chamber
			c.Standard:CNS,8753/ISO3744
			d.Test Condition:ISO7779
			e.Distance: 1.0M
Motor Type	AC Frequency-Switching Fan		

Fan infomation

——without remote control



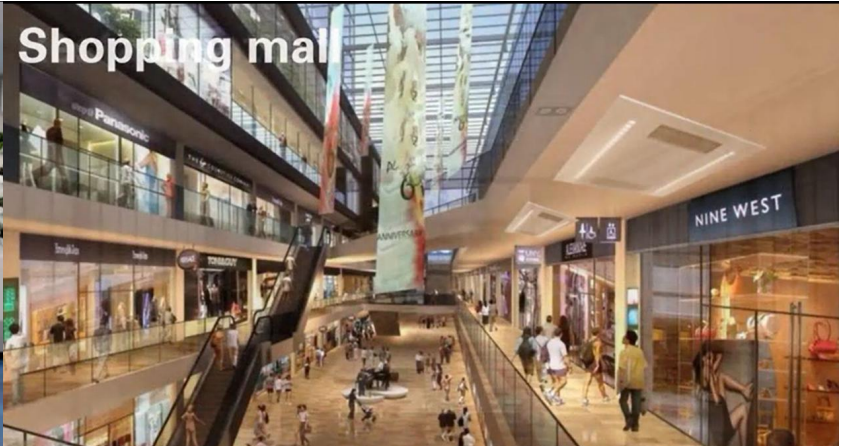
ITEM	Specifcation Condition		
Item No.	AF08038B22LL		
Dimension	80x80x38mm		
Rated Voltage	100-120/220-240VAC (50/60Hz)		
Start-up Voltage	85VAC (50/60Hz)		85VDC
Operating Voltage	85~265VAC(50/60Hz)		85-265VDC
Rated Speed	3000rpm	±10%	a.Rated Voltage
Maximum Current	0.04A		b.25°C and 65%RH
Maximum Power	2.7W		c.Measured after 5Mins
Rated Airflow	31.42	CFM	/PQ Measurement Apparatus : (LW9266-SR)
	0.89	m³/min	Standard : AMCA
Rated Static Pressure	0.17	Inch-H2O	Rated Voltage
	43.41	Pa	Rated Current
Life Expectancy	70000hrs at 40°C		a.L10 at Conf. Level 90%
Noise Level	30dB		b.Rated Voltage
			a.Rated Voltage
			b.Non-Echo Chamber
			c.Standard:CNS,8753/IS O3744
			d.Test Condition:ISO 7779
			e.Distance: 1.0M
Motor Type	AC Frequency-Switching Fan		

Other Advantage



- 1.SPCC (stell,plate,cold,common)house.
- 2.Anti UV plastic for Filter holder, to anti yellow.
- 3.Main sterilization factor: UVC 253.7nm Tubes @philips brand.
- 4.Can be used everywhere there air needs to be sterilized
- 5.Rate of killed: 99.92%
- 6.CE.RoHS.CB. certification all pass.

Application



Area	Number of Luminaire	Time required for purification 99.92%
20m ²	1	2H
40m ²	2	2H
60m ²	3	2H

Reference

- Flow rate:60 m³/H (30CFM(cubic feet per minute) 10x10 8 feet space, this light can refresh 2.5times

Staphylococcus albus-Killing rate: 99.92%

UVC safty report: 0% let out

广微测
Guwimi Testing

20191500893

中国合格
评定国家
认可
证书
注册号
CNAS 17167

广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测报告

ANALYSIS AND TEST RESULT

报告编号: Report No.: 2020SP6411R01D

1. 试验菌株 Test organisms: 白色念珠菌 (Candida albicans) 3022

2. 试验方法: (消毒技术规范) (卫生部 2002 年版) 2-1.3

Test Method: Technical Standard for Disinfection (2002 Ministry of Health P.R.China) 2-1.3

3. 试验结果 Test results:

采样 时间 Test Time	作用 组别 Test groups	对照组 Control group		测试组 Test Group		杀灭率 Sterilizing Rate (%)	平均杀 灭率 Average (%)
		初始空气中 的细菌数 Number of bacterial colonies in initial space air (cfu/l)	作用后空气 中的细菌 数 Number of bacteria in the air after sterilization (cfu/l)	初始空气中 的细菌数 Number of bacterial colonies in the air after sterilization (cfu/l)	作用后空气 中的细菌 数 Number of bacter in is the air after sterilization (cfu/l)		
2h	1	1.8×10^6	1.2×10^6	1.8×10^6	$< 9.1 \times 10^5$	>99.92	>99.92
	2	1.7×10^6	1.1×10^6	1.8×10^6	$< 9.1 \times 10^5$	>99.92	
	3	1.8×10^6	1.3×10^6	1.7×10^6	$< 9.1 \times 10^5$	>99.92	

测试用大小 Test space: 试验箱 1m³ Test equipment box

测试环境相对湿度 Environment relative humidity: 62% 62%

测试环境温度 Environment temperature: 24℃ 24℃

注: 余次测试结果已消除微生物在空气中自然消亡因素的影响。

Note: The result of biocidal rate test has eliminated the effect of microbial natural decay in air.

样品照片 Sample photos

(以下空白, Blank below)

第 3 页 共 4 页

ICAS
英格尔集团

TEST REPORT

Report No.: SHC20050995-01E Date: 2020-06-19 Page: 2 of 2

Applicant : HAINING ESI-ELECTRICAL LIGHTING APPLIANCE CO.,LTD

Address : Haiyuan Road 3#, Economic Development Area of Haichang Street, Jinning City, Zhejiang Province

Sample Information:

Sample Name : Air Circulating germinical lamp

Sample Type/Specification : /

Sample Qty : 1

Above information and sample(s) were submitted and certified by/on behalf of the applicant. ICAS was not responsible for the authenticity of the sample, and quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Sample No. : C20050995-01

Date of Sample Received : 2020-05-27

Sample Test Period : 2020-05-27 ~ 2020-06-11

Contents:

Item(s) : Please refer to next page(s).

Test Method(s) : Please refer to next page(s).

Test Results : Please refer to next page(s).

Prepared by: 曹金金 Reviewed by: 杨仁庆
(曹金金)





杨仁庆
(杨仁庆)

Approved by: 李葵兴
(Authorized signatory: 李葵兴)

英格尔检测技术服务(上海)有限公司

NCA0224080

Hotline: 021-3142-2001 Tel: 0206-21-51657111 www.icas.cn E: 0461557 Shanghai P.R. Address: Daxi Road, Shanghai 上海市四川北路1550号

 <p>Report No. : JKC20060143(E)</p>	<p>广州中科检测技术服务有限公司 Guangzhou CAS Test Technical Services Co., Ltd. Report Date : 2020/7/14 Page No.: 1 of 4</p>	<p>中国认可 国际互认 检测 TESTING CNAS 17025</p>
	<h1>TEST REPORT</h1>	
<p>201819</p>		
<p>Applicant : Address :</p>	<p>HAINING NO.3 Haiyuan Road, ;</p>	
<p>The following merchandise was (were) submitted and identified by the client as:</p>		
<p>Name of Sample : Test Type : Sample Quantity : Model : Batch No. : Brand : Manufacturer : Sample Received : Test Items : Test Method : Test Result : Sample Description : Note :</p>	<p>Air Circulating Germicidal Lamp Commission 1pcs ES-ACG-30W 20200622 ZJESL HAINING ESL ELECTRICAL LIGHTING APPLANCE CO.,LTD 2020/06/24 - 2020/07/14 Please refer to next page(s). Please refer to next page(s). Please refer to next page(s). Solid /</p>	
<p>Edited by: <u>黄斯通</u> Checked by: <u>王</u></p>	<p>Approved by: <u>王</u> Official Seal: _____</p>	
<div style="display: flex; justify-content: space-between;"> <div data-bbox="1302 872 1437 972"> <p>Add: No. 368 Xingde Road, Tianshe District, Guangzhou, P. R. China. Tel: 020-85231290, 020-85231823 Fax: 020-85231835</p> </div> <div data-bbox="1447 872 1714 972"> <p>ZIP Code: 510630 Website: http://www.cas-test.org E-mail: str@cas-test.org</p> </div> <div data-bbox="1732 872 1778 972">  </div> </div>		



广微测
Gm micro Testing



19000883





中国认可
国际互认
检测
CNAS L174

广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测结果

ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2020SP6488R01D

1. 方法简述: 开启样机 5min. 待稳定后, 在距离消毒器外表面西周 30cm 处, 用紫外线辐射照度计测量其辐照强度 ($\mu\text{W}/\text{cm}^2$)

Methods: The prototype was opened for 5min. After stabilization, the irradiation intensity ($\mu\text{W}/\text{cm}^2$) was measured with an ULTRAVIOLET irradiance meter 30cm from the outside surface of the sterilizer.

2. 测试结果 Test results:

样品名称 Name of Sample	辐照强度 ($\mu\text{W}/\text{cm}^2$) irradiation intensity
Air Circulating Germicidal Lamp	0.00

拍照 Sample photo:



(以下空白, blank below)

