



Product Catalog

Unlimited Value

We provide unlimited value through
the power of UV.

Bringing Infinite Value to the World

In local bakeries, office receptions, hospital waiting rooms, semiconductors and food factories, environmental conservation sites, and on ships connecting the world, Sankyo Denki's UV lamps are the technology that safeguards everyday life and social security.

**Established
in 1947 – Specialized
UV Manufacturer**

The pioneer of ultraviolet
disinfection lamps



**High-Quality
Japanese Production**

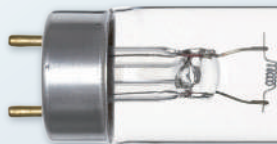
Integrated Production
in Our Own Factory



**Proven Expertise
in Mass Production**

Meeting Diverse
Demands Worldwide

UV-C Lamps

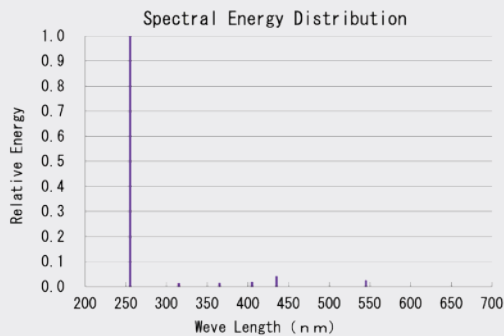


Achieving Reliable Disinfection Solutions while Keeping Reasonable price

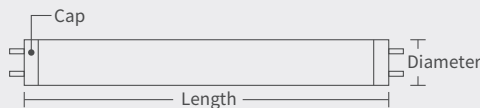
Emitting powerful 253.7nm UV-C light, this lamp efficiently sterilizes bacteria and viruses. It contributes to hygiene management in food, medical, and water treatment fields. A simple and cost-effective sterilization method.

Main Applications:

- Hygiene management in food production lines
 - Manufacturing processes for medical and cosmetic products
 - Sterilization systems for drinking water and air
 - Maintaining clean environments for electronic components
- etc.



●Dimensions

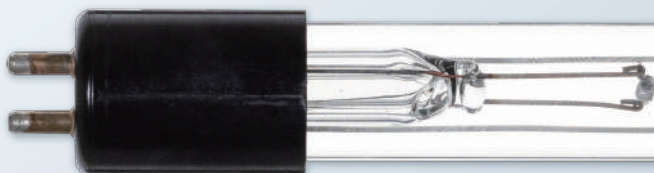


UV-C Lamps							
Type	Dimensions(mm)		Cap	Lamp Wattage (W)	Lamp Current (A)	Ultraviolet Output*1 (W)	Average Useful Life*2 (h)
	Length	Diameter					
G4T5	134.5	15.5	G5	4.6	0.162	0.8	6,000
G6T5	210.5	15.5	G5	5.9	0.147	1.7	6,000
G8T5	287	15.5	G5	7.9	0.17	2.5	6,000
G10T5	330	25.5	G13	9.5	0.23	2.7	6,000
G15T8	436	25.5	G13	14.7	0.3	4.9	8,000
G15T8AN	436	25.5	G13	14.7	0.3	4.9	8,000
G18T8	588.5	25.5	G13	18	0.37	6.7	8,000
G20T10	588.5	32.5	G13	19	0.36	7.5	8,000
G25T8	436	25.5	G13	25	0.6	6.9	8,000
G30T8	893	25.5	G13	30.5	0.355	13.4	8,000
G32T8	1198	25.5	G13	32	0.255	14	8,000
G36T8	1198	25.5	G13	36	0.43	15.5	8,000
G40T10	1198	32.5	G13	39.5	0.42	19.8	8,000
G55T8	893	25.5	G13	55	0.77	18	8,000

*1 Ultraviolet Output(initial value) is the value after 100 hours of lighting. *2 When the ultraviolet ray output becomes 70% of the initial output.
*3 Product specifications are subject to change without notice. *Hg-LAMP CONTAINS MERCURY Manage In Accord with Disposal Law See:www.lamprecycle.org

UV-C (100nm~280nm)

High Output UV-C Lamps



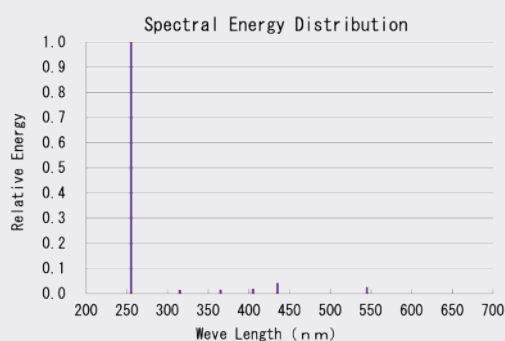
High-output Disinfection Lamps Effective for Air Purification and Water Quality Improvement.

High Output UV-C lamps efficiently emit a large amount of ultraviolet rays at 253.7nm (nanometers) which have an excellent disinfection effect. A variety of high-output, is available with high output and long lamp life so that they can be used for disinfection of Air & Water purification.

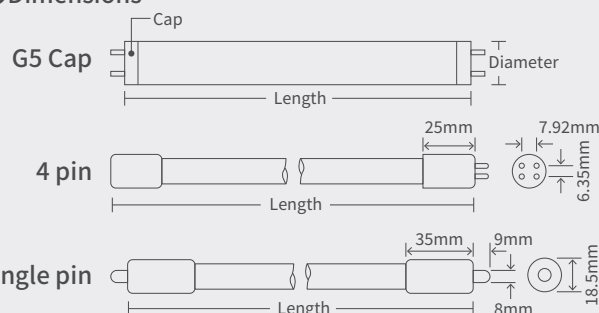
Main Applications:

- Water purification and filtration systems
- Hygiene management in production lines
- Sterilization and disinfection in facilities

etc.



●Dimensions



High Output UV-C Lamps

Type	Dimensions(mm)		Cap	Lamp Wattage (W)	Lamp Current (A)	Ultraviolet Output*1 (W)	Average Useful Life*2 (h)
	Length	Diameter					
G6T5/225/4P	225	15.5	Four-pin circline	5.9	0.147	1.6	6,000
G10T5L/357/4P	357	15.5	Four-pin circline	16	0.425	5.3	9,000
G10T5L	357	15.5	Single Pin	16	0.425	5.3	9,000
G11T5/225/4P	225	15.5	Four-pin circline	11	0.33	2.2	8,000
G11T5	210.5	15.5	G5	11	0.33	2.2	8,000
G14T5/287/4P	287	15.5	Four-pin circline	14	0.4	3	7,500
G16T5	287	15.5	G5	16	0.35	3.2	8,000
G22T5/436/4P	436	15.5	Four-pin circline	22	0.425	6	7,500
G36T5L/842/4P	842.4	15.5	Four-pin circline	39	0.425	12	9,000
G36T5L	842.4	15.5	Single Pin	39	0.425	12	9,000
G64T5L/1554/4P	1553.6	15.5	Four-pin circline	65	0.425	25	9,000
G64T5L	1553.6	15.5	Single Pin	65	0.425	25	9,000

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Compact UV-C Lamps

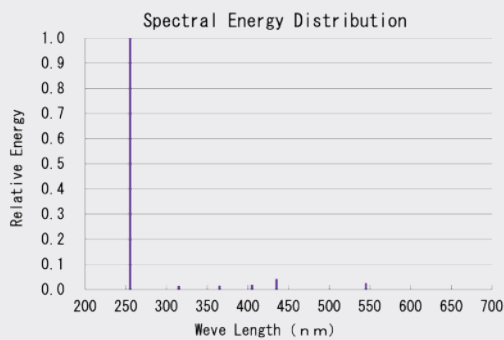


Compact Design with High Disinfection Power

While they have the same wavelength and effects as general UV-C lamps, their structure which connects straight tubes in parallel allows for the required UV-C output with a shorter tube length.

Main Applications:

- Hygiene management in cooking facilities
- Sterilization of air conditioning equipment
- Disinfection in medical and pharmaceutical settings
- Quality maintenance in production lines etc.



●Dimensions



Compact UV-C Lamps								
Type	Dimensions(mm)			Cap	Lamp Wattage	Lamp Current	Ultraviolet Output*1	Average Useful Life*2
	(A)max	(B)max	(C)max		(W)	(A)	(W)	(h)
GPL18K	40	20	225	2G11	18	0.375	5.5	8,000
GPL24K	40	20	320	2G11	24	0.345	8.5	8,000
GPL36K	40	20	415	2G11	36	0.435	12	8,000
GPL55K	40	20	533	2G11	55	0.54	17	8,000

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UV-A (315nm~400nm)

Blacklight Blue Lamps

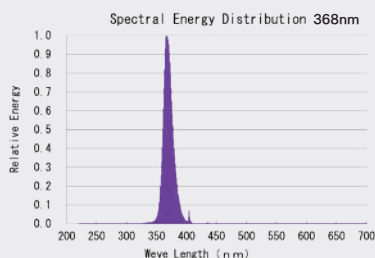
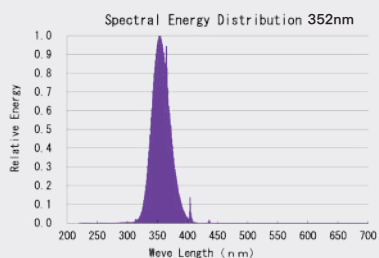


Multi-Purpose Lamp with Excellent Photochemical and Fluorescent Properties

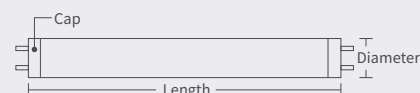
The Black Light Blue Lamp (BLB) is a lamp used in testing, inspection, displays, events, and more. It enhances fluorescent coatings for a vivid glow, creating a magical atmosphere. It also utilizes UV-induced photochemical and fluorescence effects.

Main Applications:

- Light sources for testing, inspection, identification, and research
- Displays
- Stage lighting, advertising, event venues, etc.



● Dimensions



Blacklight Blue Lamps

Type	Dimensions(mm)		Cap	Lamp Wattage (W)	Lamp Current (A)	Ultraviolet Output*1 (W)	Average Useful Life*2 (h)
	Length	Diameter					
F4T5BLB 352nm	134.5	15.5	G5	4.6	0.162	0.3	3,000
F4T5BLB 368nm	134.5	15.5	G5	4.6	0.162	0.3	3,000
F6T5BLB 352nm	210.5	15.5	G5	5.9	0.147	0.7	3,000
F6T5BLB 368nm	210.5	15.5	G5	5.9	0.147	0.9	3,000
F8T5BLB 352nm	287	15.5	G5	7.9	0.17	1.2	3,000
F8T5BLB 368nm	287	15.5	G5	7.9	0.17	1.4	3,000
F10T8BLB 352nm	330	25.5	G13	9.5	0.23	1.4	4,000
F15T8BLB 352nm	436	25.5	G13	14.7	0.3	2.3	4,000
F15T8BLB 368nm	436	25.5	G13	14.7	0.3	2.6	4,000
F18T8BLB 368nm	588.5	25.5	G13	18	0.37	3.7	4,000
F20T10BLB 352nm	588.5	32.5	G13	19	0.36	3.3	4,000
F30T8BLB 352nm	893	25.5	G13	30.5	0.355	5.7	4,000
F30T8BLB 368nm	893	25.5	G13	30.5	0.355	6.3	4,000
F40T10BLB 368nm	1198	32.5	G13	30.5	0.42	8.1	5,000

*1 Ultraviolet Output(initial value) is the value after 100 hours of lighting.

*2 When the ultraviolet ray output becomes 60% of the initial output.

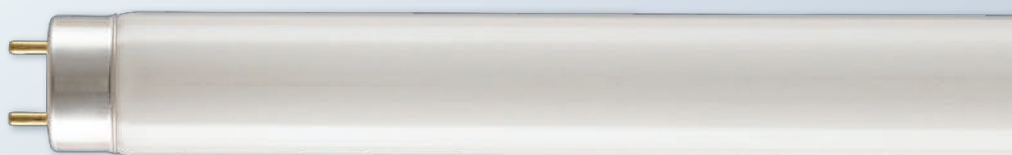
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Light Sources

UV-A (315nm~400nm)

Blacklight Lamps

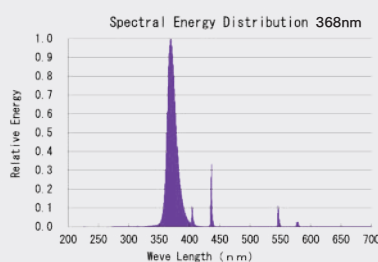
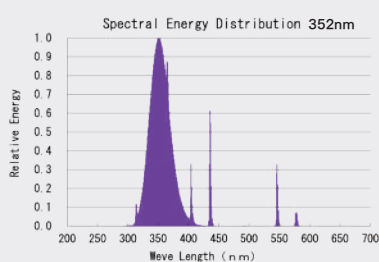


Achieving Stronger UV-A with Minimal Visible Light

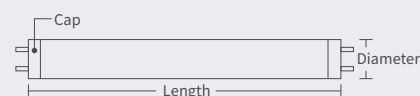
Emitting more powerful UV light than BLB, this lamp is ideal for insect attraction traps and light sources that promote photochemical reactions. It features a peak emission spectrum around 360nm and emits a small amount of visible light.

Main Applications:

- Insect attraction devices
 - Inspection, analysis, and identification
 - Photochemical reactions
 - Specialized lighting equipment
- etc.



●Dimensions



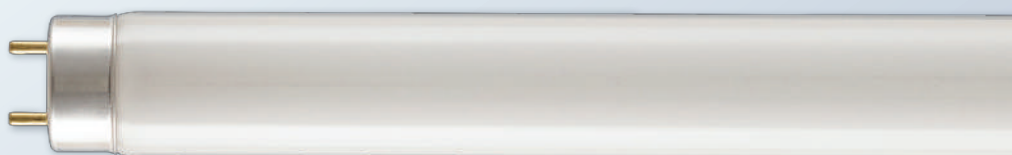
Blacklight Lamps

Type	Dimensions(mm)		Cap	Lamp Wattage (W)	Lamp Current (A)	Ultraviolet Output*1 (W)	Average Useful Life*2 (h)
	Length	Diameter					
F4T5BL 368nm	134.5	15.5	G5	4.6	0.162	0.5	3,000
F4T5BL 352nm	134.5	15.5	G5	4.6	0.162	0.5	3,000
F6T5BL 368nm	210.5	15.5	G5	5.9	0.147	0.9	3,000
F6T5BL 352nm	210.5	15.5	G5	5.9	0.147	0.9	3,000
F8T5BL 368nm	287	15.5	G5	7.9	0.17	1.4	3,000
F8T5BL 352nm	287	15.5	G5	7.9	0.17	1.4	3,000
F10T8BL 352nm	330	25.5	G13	9.5	0.23	1.5	4,000
F15T8BL 368nm	436	25.5	G13	14.7	0.3	2.6	4,000
F15T8BL 352nm	436	25.5	G13	14.7	0.3	2.6	4,000
F20T10BL 368nm	588.5	32.5	G13	19	0.36	3.7	4,000
F20T10BL 352nm	588.5	32.5	G13	19	0.36	3.7	4,000
F30T8BL 352nm	893	25.5	G13	30.5	0.355	6.3	4,000

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UV-B Lamps



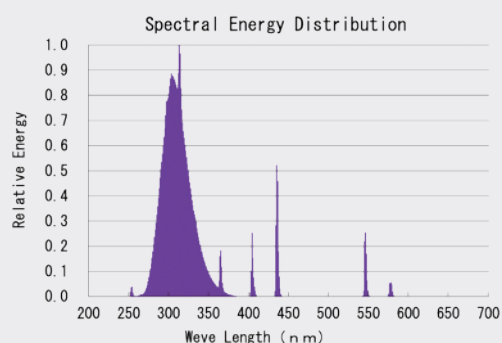
Lamps Specialized for Specific Fields such as Identification, Research, and Medical Applications

"UV-B lamps emit ultraviolet rays 280nm~. (main peak at 306nm). They are used in specialized fields as light sources for weather resistance testing of plastics, paints, and rubber, as well as for identification, fluorescence detection, and medical applications.

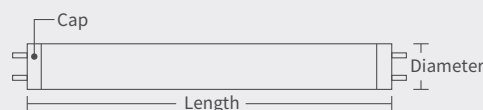
Main Applications:

- Weathering test of plastics, paints, and rubber
- Inspection and identification work
- Applications in medical irradiation devices

etc.



●Dimensions



UV-B Lamps							
Type	Dimensions(mm)		Cap	Lamp Wattage (W)	Lamp Current (A)	Ultraviolet Output*1 (W)	Average Useful Life*2 (h)
	Length	Diameter					
G4T5E	134.5	15.5	G5	4.6	0.162	0.5	3,000
G6T5E	210.5	15.5	G5	5.9	0.147	1	3,000
G8T5E	287	15.5	G5	7.9	0.17	1.6	3,000
G15T8E	436	25.5	G13	14.7	0.3	3	4,000
G20T10E	588.5	32.5	G13	19	0.36	4.2	4,000
G25T8E	436	25.5	G13	25	0.6	3.9	3,000
G40T10E	1198	32.5	G13	39.5	0.42	9.3	5,000

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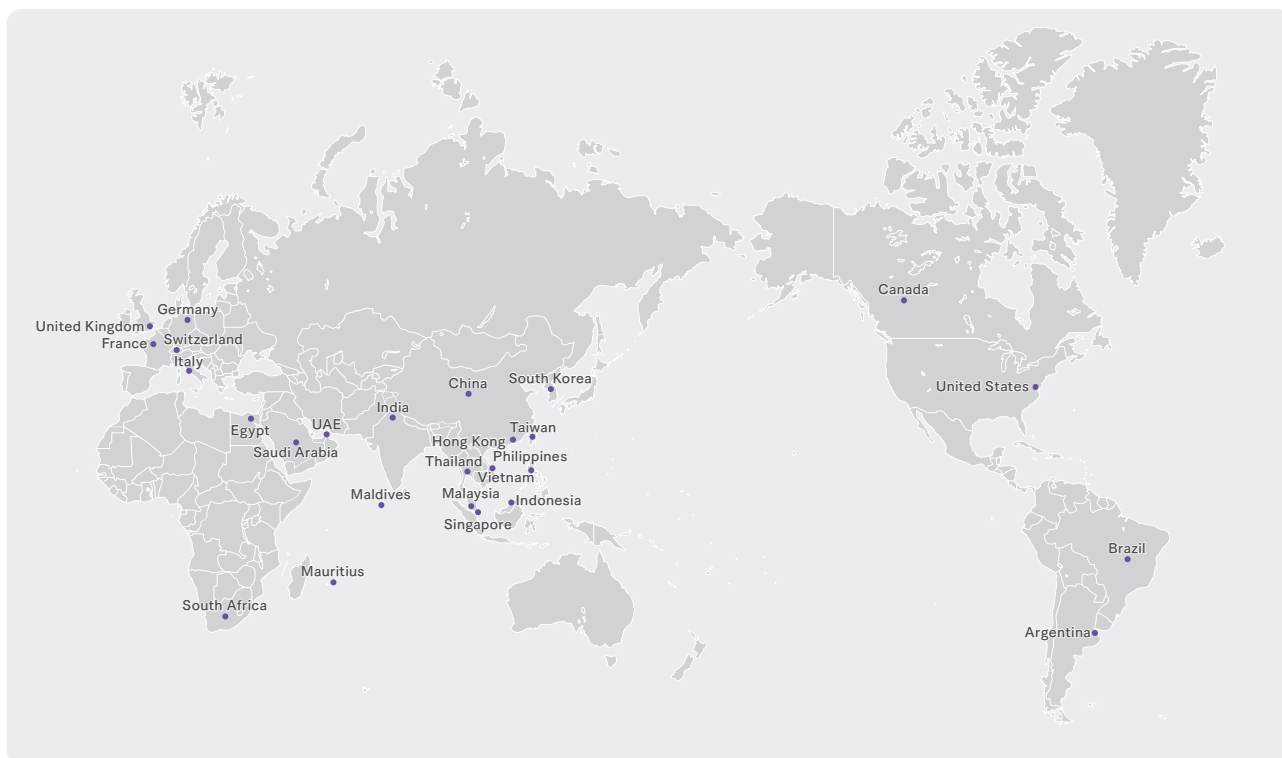
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Sankyo Denki's UV lamps are recognized as essential worldwide.

Sankyo Denki adapts to the diverse needs of industries and research fields globally through its extensive distribution network and robust technical support system. By prioritizing quality and reliability, we partner with organizations worldwide to explore new opportunities in UV technology.



Export Destinations

◆ Asia Area

China / South Korea / Hong Kong / Taiwan / India / Thailand / Vietnam / Malaysia / Singapore / Indonesia / Philippines

◆ Europe and America Area

United States / Canada / Brazil / Argentina / United Kingdom / France / Germany / Italy / Switzerland

◆ Middle East and Africa Area

Saudi Arabia / UAE / South Africa / Egypt / Maldives / Mauritius

etc.



Corporate Profile

Corporate Name	Sankyo Denki Co., Ltd.
Founding	Founded in October 1947
Capital	72 million yen
Main Bank	The Shoko Chukin Bank
Product Line	UV-C lamps UV-B lamps UV-A lamps
Major Domestic Clients	Toshiba Lighting & Technology Corporation Panasonic Corporation HotaluX, Ltd. DN Lighting Co., Ltd.
Export Destinations	USA, United Kingdom, France, Germany, Italy, Turkey, UAE, China, Hong Kong, Taiwan, Thailand, Vietnam, Malaysia, Singapore, Indonesia, Philippines, India, Korea, etc.

Address	Hiratsuka Sales Office [Contact] 7F Miyanomae Building 1-7, Miyanomae, Hiratsuka, Kanagawa, 254-0035 Japan Phone: +81-463-73-8311 Fax: +81-463-79-8890
	Headquarters/Factory 1-35, Shinmachi, Hiratsuka, Kanagawa, 254-0076 Japan Phone: +81-463-31-7334 Fax: +81-463-34-5165



History

October 1947:	Established in Shinagawa, Tokyo.
June 1948:	The company was renamed from Nihon Iryo Shinku Kogyosho to Sankyo Denki Co., Ltd.
September 1948:	The company became a factory certified by the Ministry of Communications (as a supplier of Nippon Telephone Telegraph Public Corporation) and supplied self-restoring electric arrester tubes.
December 1949:	The production of UV-C lamps began.
July 1952:	UV-C lamps were adopted by the Japan National Railways.
September 1958:	The UV-C lamp became a recommended product by the Japan Food Hygiene Association.
May 1962:	Hiratsuka factory was completed and began its operations.
December 1970:	The production of blacklight lamps began.
March 1972:	Headquarters moved to Hiratsuka, Kanagawa to be Headquarters/Factory.
January 1980:	Sankyo Denki and its affiliates, Toyoda Sankyo, Sankyo Denki Hanbai, and Toyoda Medical. Formed a close business group "Sankyo Denki Group" through mutual stock holding of each other to aim for greater development of the group companies.
May 1987:	The company merged with Sankyo Denki Hanbai.
April 1998:	The company merged with Toyoda Sankyo.
April 2014:	The company merged with Toyoda Medical.
July 2019:	Hiratsuka Sales Office opened.





Headquarters/Factory

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More info here>>>



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