



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

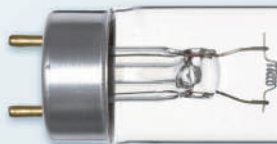


**Proven Expertise  
in Mass Production**

Meeting Diverse  
Demands Worldwide

UV-C (100nm~280nm)

UV-C Lamps

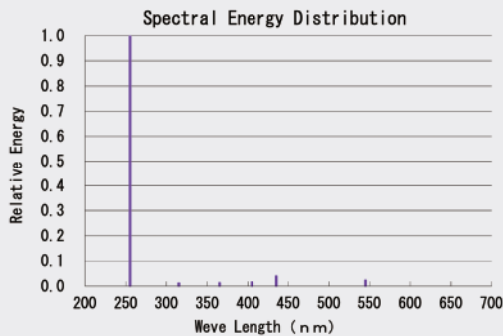


Achieving Reliable Disinfection Solutions while Keeping Reasonable price

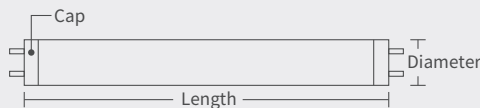
Emitting powerful 253.7nm UV-C light, this lamp efficiently sterilizes bacteria and viruses. It contributes to hygiene management in food, medical, and water treatment fields. A simple and cost-effective sterilization method.

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<br>(W) | Lamp Current<br>(A) | Ultraviolet Output*1<br>(W) | Average Useful Life*2<br>(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                 | 0.170               | 2.5                         | 6,000                        |
| G10T8      | 330            | 25.5     | G13 | 9.5                 | 0.230               | 2.7                         | 6,000                        |
| G15T8      | 436            | 25.5     | G13 | 14.7                | 0.300               | 4.9                         | 8,000                        |
| G15T8AN    | 436            | 25.5     | G13 | 14.7                | 0.300               | 4.9                         | 8,000                        |
| G18T8      | 588.5          | 25.5     | G13 | 18.0                | 0.370               | 6.7                         | 8,000                        |
| G20T10     | 588.5          | 32.5     | G13 | 19.0                | 0.360               | 7.5                         | 8,000                        |
| G25T8      | 436            | 25.5     | G13 | 25.0                | 0.600               | 6.9                         | 8,000                        |
| G30T8      | 893            | 25.5     | G13 | 30.5                | 0.355               | 13.4                        | 8,000                        |
| G32T8      | 1198           | 25.5     | G13 | 32.0                | 0.255               | 14.0                        | 8,000                        |
| G36T8      | 1198           | 25.5     | G13 | 36.0                | 0.430               | 15.5                        | 8,000                        |
| G40T10     | 1198           | 32.5     | G13 | 39.5                | 0.420               | 19.8                        | 8,000                        |
| G55T8      | 893            | 25.5     | G13 | 55.0                | 0.770               | 18.0                        | 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:lamprecycle.org

UV-C (100nm~280nm)

# High Output UV-C Lamps



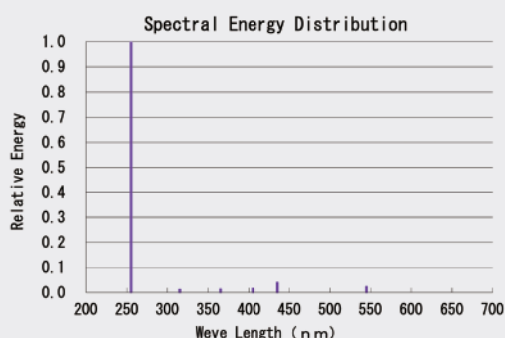
## High-output Disinfection Lamps Effective for Air Purification and Water Quality Improvement.

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.

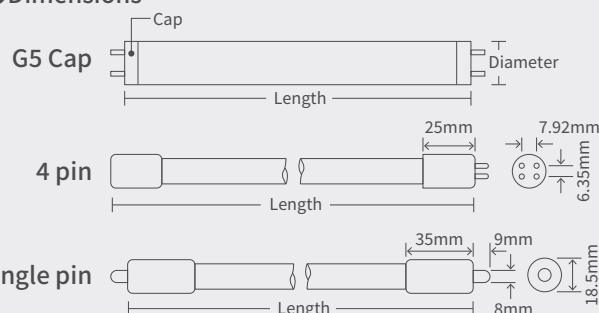
### Main Applications:

- 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<br>(W) | Lamp Current<br>(A) | Ultraviolet Output*1<br>(W) | Average Useful Life*2<br>(h) |
|----------------|----------------|----------|------------|---------------------|---------------------|-----------------------------|------------------------------|
|                | Length         | Diameter |            |                     |                     |                             |                              |
| G6T5/225/4P    | 225            | 15.5     | 4 pin      | 5.9                 | 0.147               | 1.6                         | 6,000                        |
| G10T5L/357/4P  | 357            | 15.5     | 4 pin      | 16.0                | 0.425               | 5.3                         | 9,000                        |
| G10T5L         | 357            | 15.5     | Single pin | 16.0                | 0.425               | 5.3                         | 9,000                        |
| G11T5/225/4P   | 225            | 15.5     | 4 pin      | 11.0                | 0.330               | 2.2                         | 8,000                        |
| G11T5          | 210.5          | 15.5     | G5         | 11.0                | 0.330               | 2.2                         | 8,000                        |
| G14T5/287/4P   | 287            | 15.5     | 4 pin      | 14.0                | 0.400               | 3.0                         | 7,500                        |
| G16T5          | 287            | 15.5     | G5         | 16.0                | 0.350               | 3.2                         | 8,000                        |
| G22T5/436/4P   | 436            | 15.5     | 4 pin      | 22.0                | 0.425               | 6.0                         | 7,500                        |
| G36T5L/842/4P  | 842.4          | 15.5     | 4 pin      | 39.0                | 0.425               | 12.0                        | 9,000                        |
| G36T5L         | 842.4          | 15.5     | Single pin | 39.0                | 0.425               | 12.0                        | 9,000                        |
| G64T5L/1554/4P | 1553.6         | 15.5     | 4 pin      | 65.0                | 0.425               | 25.0                        | 9,000                        |
| G64T5L         | 1553.6         | 15.5     | Single pin | 65.0                | 0.425               | 25.0                        | 9,000                        |

\*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

Compact UV-C Lamps

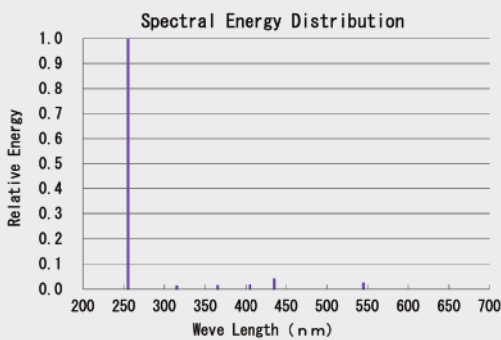


Compact Design with High Disinfection Power

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         | 0.375        | 5.5                  | 8,000                 |
| GPL24K             | 40             | 20     | 320    | 2G11 | 24.0         | 0.345        | 8.5                  | 8,000                 |
| GPL36K             | 40             | 20     | 415    | 2G11 | 36.0         | 0.435        | 12.0                 | 8,000                 |
| GPL55K             | 40             | 20     | 533    | 2G11 | 55.0         | 0.540        | 17.0                 | 8,000                 |

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UV-A (315nm~400nm)

# Blacklight Blue Lamps

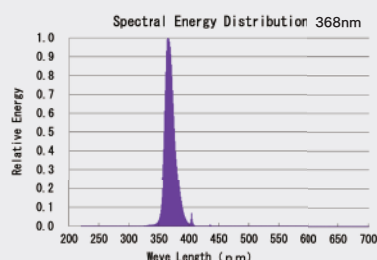
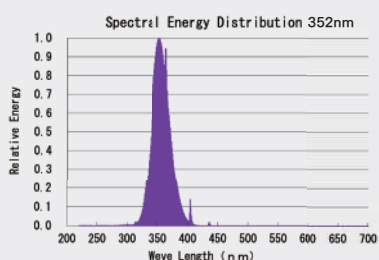


## Multi-Purpose Lamp with Excellent Photochemical and Fluorescent Properties

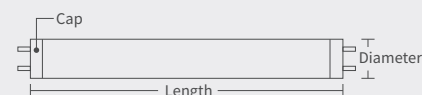
The Black Light Blue Lamp (BLB) is a lamp used in testing, inspection, displays, events, and more. It enhances fluorescent coatings for a vivid glow, creating a magical atmosphere. It also utilizes UV-induced photochemical and fluorescence effects.

### 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<br>(W) | Lamp Current<br>(A) | Ultraviolet Output*1<br>(W) | Average Useful Life*2<br>(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               | 0.5                         | 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                 | 0.170               | 1.2                         | 3,000                        |
| F8T5BLB 368nm   | 287            | 15.5     | G5  | 7.9                 | 0.170               | 1.4                         | 3,000                        |
| F10T8BLB 352nm  | 330            | 25.5     | G13 | 9.5                 | 0.230               | 1.4                         | 4,000                        |
| F15T8BLB 352nm  | 436            | 25.5     | G13 | 14.7                | 0.300               | 2.3                         | 4,000                        |
| F15T8BLB 368nm  | 436            | 25.5     | G13 | 14.7                | 0.300               | 2.6                         | 4,000                        |
| F18T8BLB 352nm  | 588.5          | 25.5     | G13 | 18.0                | 0.370               | 3.1                         | 4,000                        |
| F18T8BLB 368nm  | 588.5          | 25.5     | G13 | 18.0                | 0.370               | 3.7                         | 4,000                        |
| F20T10BLB 352nm | 588.5          | 32.5     | G13 | 19.0                | 0.360               | 3.3                         | 4,000                        |
| F20T10BLB 368nm | 588.5          | 32.5     | G13 | 19.0                | 0.360               | 3.7                         | 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                        |
| F36T8BLB 368nm  | 1198           | 25.5     | G13 | 36.0                | 0.430               | 8.1                         | 5,000                        |
| F40T10BLB 368nm | 1198           | 32.5     | G13 | 37.5                | 0.420               | 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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Blacklight Lamps

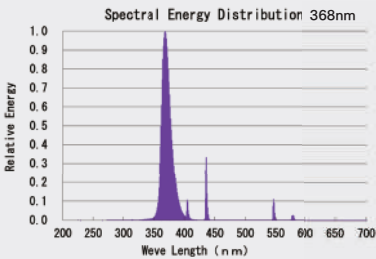
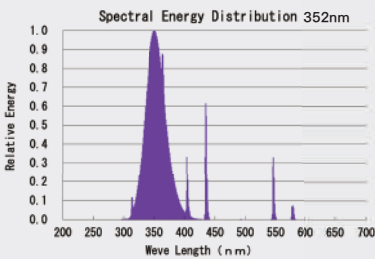


Achieving Stronger UV-A with Minimal Visible Light

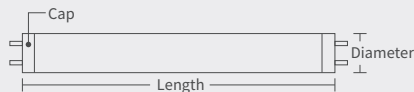
Emitting more powerful UV light than BLB, this lamp is ideal for insect attraction traps and light sources that promote photochemical reactions. It features a peak emission spectrum around 360nm and emits a small amount of visible light.

Main Applications:

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



●Dimensions



| Blacklight Lamps |                |          |     |              |              |                      |                       |
|------------------|----------------|----------|-----|--------------|--------------|----------------------|-----------------------|
| Type             | Dimensions(mm) |          | Cap | Lamp Wattage | Lamp Current | Ultraviolet Output*1 | Average Useful Life*2 |
|                  | Length         | Diameter |     | (W)          | (A)          | (W)                  | (h)                   |
| 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          | 0.170        | 1.4                  | 3,000                 |
| F8T5BL 352nm     | 287            | 15.5     | G5  | 7.9          | 0.170        | 1.4                  | 3,000                 |
| F10T8BL 352nm    | 330            | 25.5     | G13 | 9.5          | 0.230        | 1.5                  | 4,000                 |
| F15T8BL 368nm    | 436            | 25.5     | G13 | 14.7         | 0.300        | 2.6                  | 4,000                 |
| F15T8BL 352nm    | 436            | 25.5     | G13 | 14.7         | 0.300        | 2.6                  | 4,000                 |
| F20T10BL 368nm   | 588.5          | 32.5     | G13 | 19.0         | 0.360        | 3.7                  | 4,000                 |
| F20T10BL 352nm   | 588.5          | 32.5     | G13 | 19.0         | 0.360        | 3.7                  | 4,000                 |
| F30T8BL 352nm    | 893            | 25.5     | G13 | 30.5         | 0.355        | 6.3                  | 4,000                 |

\*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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UV-B (280nm~315nm)

# UV-B Lamps



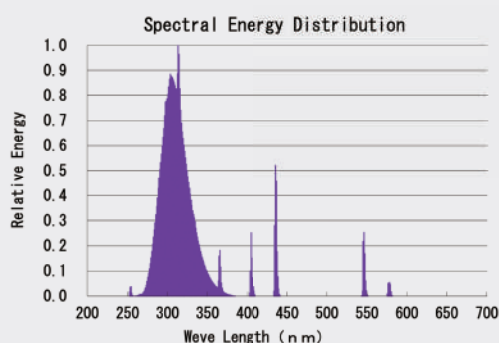
## Lamps Specialized for Specific Fields such as Identification, Research, and Medical Applications

"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.

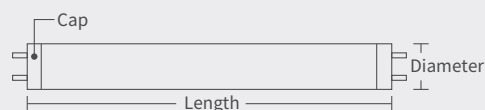
### Main Applications:

- 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<br>(W) | Lamp Current<br>(A) | Ultraviolet Output*1<br>(W) | Average Useful Life*2<br>(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               | 1.0                         | 3,000                        |
| G8T5E   | 287            | 15.5     | G5  | 7.9                 | 0.170               | 1.6                         | 3,000                        |
| G15T8E  | 436            | 25.5     | G13 | 14.7                | 0.300               | 3.0                         | 4,000                        |
| G20T10E | 588.5          | 32.5     | G13 | 19.0                | 0.360               | 4.2                         | 4,000                        |
| G25T8E  | 436            | 25.5     | G13 | 25.0                | 0.600               | 3.9                         | 3,000                        |
| G40T10E | 1198           | 32.5     | G13 | 39.5                | 0.420               | 9.3                         | 5,000                        |

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

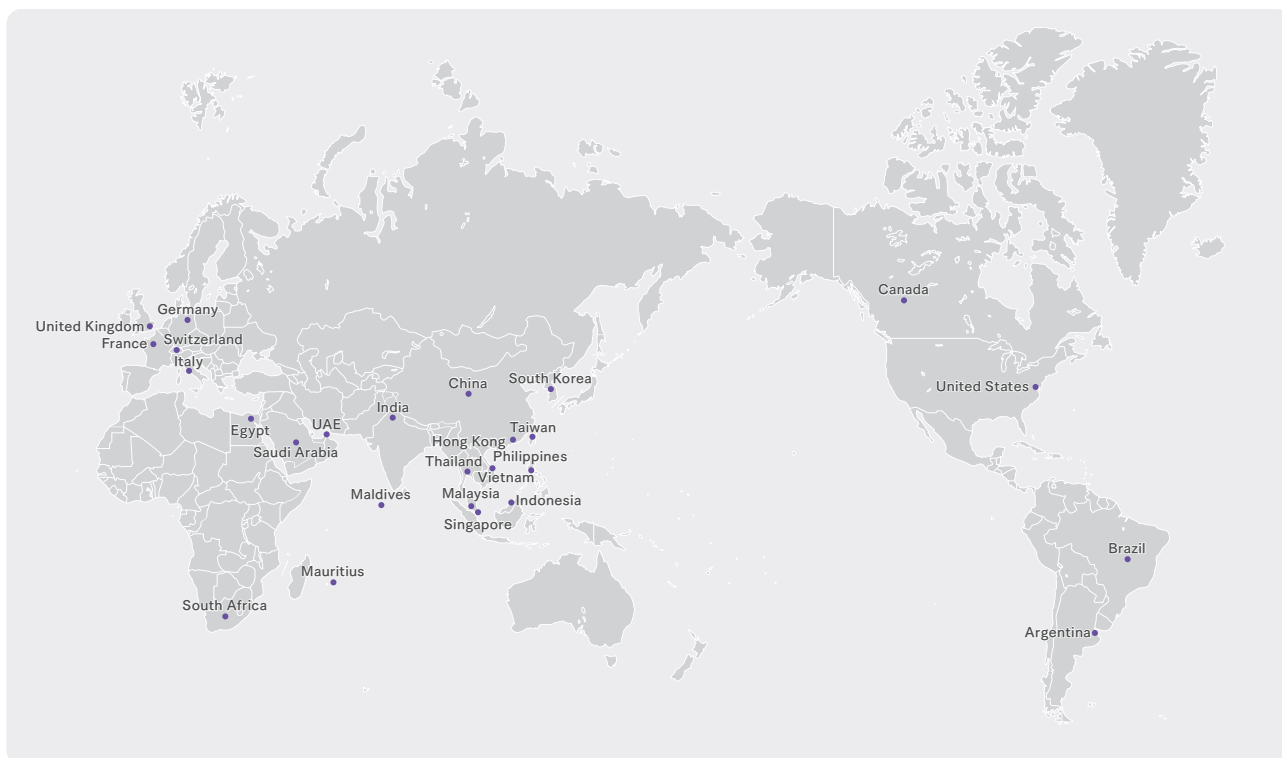
\*2 When the ultraviolet ray output becomes 60% of the initial output.

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※Hg-LAMP CONTAINS MERCURY Manage In Accord with Disposal Law See:www.lamprecycle.org

# 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.



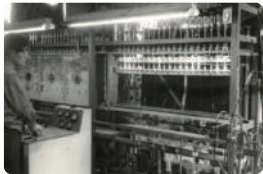
# Corporate Profile

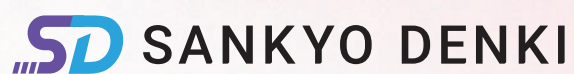
|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>Panasonic Corporation   HotaluX, Ltd.   DN Lighting Co., Ltd.                                                                       |
| Export Destinations    | United States, United Kingdom, France, Germany, Italy, Turkey, UAE, China, Hong Kong, Taiwan, Thailand, Vietnam, Malaysia, Singapore, Indonesia, Philippines, India, Korea, etc. |
| Address                | <b>Tokyo Sales Office [Contact]</b><br>#505, LE GRATTECIEL BLDG. 7, 6-4-3,<br>Shimbashi, Minato-ku, Tokyo, 105-0004, Japan<br>Phone: +81-3-6452-8555<br>Fax: +81-3-6453-0913     |
|                        | <b>Headquarters/Factory</b><br>1-35, Shinmachi, Hiratsuka, Kanagawa,<br>254-0076 Japan<br>Phone: +81-463-31-7334<br>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.<br>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.                                                                                                                                                                                                                   |
| February 2026:  | Relocate the Hiratsuka Sales Office to Shimbashi, Tokyo.                                                                                                                                                                                         |





**Headquarters/Factory**

1-35, Shinmachi, Hiratsuka, Kanagawa, 254-0076, Japan  
Phone: +81-463-31-7334 Fax: +81-463-34-5165

**Tokyo Sales Office**

#505, LE GRATTECIEL BLDG. 7, 6-4-3, Shimbashi, Minato-ku, Tokyo, 105-0004, Japan  
Phone: +81-3-6452-8555 Fax: +81-3-6453-0913  
E-mail [info@sankyo-denki.co.jp](mailto:info@sankyo-denki.co.jp) WEB <http://www.sankyo-denki.co.jp>

More info here>>>

