

# UV-C Lamps

## Blue Lagoon UV lamps

Each Blue Lagoon unit is equipped with a UV lamp. Depending on the system the choice of lamp has been made. To make sure a UV-C disinfection system keeps protecting bathers against pathogens such as moulds, viruses and bacteria, it is important to replace a UV-C lamp in time. The average effective lifespan of a UV-C lamp is 9,000 hours. An amalgam lamp has a longer lifespan of approximately 16.000 hours. Although the lamp will still continue to work after this period, its disinfecting value will rapidly decline from then on. To still guarantee the health of the bathers, it is important to replace the UV-C lamp in time.

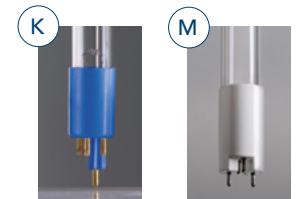
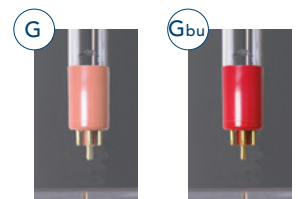
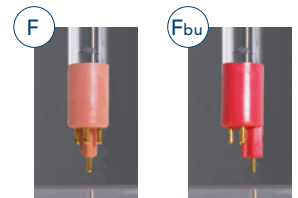
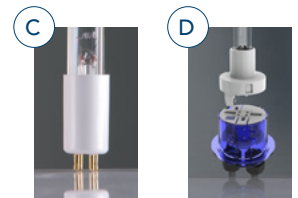
## T5 & T6 bulbs

| ARTNR.    | MARKE           | TYP                         | VPE | TYP | MODELL |
|-----------|-----------------|-----------------------------|-----|-----|--------|
| E800900   | Philips         | TUV 16 W 4P-SE UNP          | 1   | T5  | C      |
| E800901P  | Philips         | TUV 36T5 40 W 4P-SE         | 1   | T5  | C      |
| E800902P  | Philips         | TUV 36T5 HO 75 W 4P-SE      | 1   | T5  | C      |
| 3903567   | Philips         | TUV 64T5 75 W 4P-SE (1.56m) | 1   | T5  | C      |
| B280005   | Philips         | TUV Smart Cap 75 W          | 1   | T5  | D      |
| B280006   | Philips         | TUV Smart Cap 40 W          | 1   | T5  | D      |
| E800904   | Philips         | TUV XPT 130 W 4P-SE Amalgam | 1   | T6  | E      |
| E800901L  | LightTech       | T5 40 W 4P-SE               | 1   | T5  | C      |
| E800902L  | LightTech       | T5 75 W 4P-SE               | 1   | T5  | C      |
| F980005   | LightTech       | T6 130 W 4P Amalgam         | 1   | T6  | E      |
| 3903025   | VGE - LightTech | T6 325 W 4P-SE Amalgam      | 1   | T6  | E      |
| F980115   | LightTech       | T6 200 W 4P Amalgam         | 1   | T6  | E      |
| 4800070AM | VGE - LightTech | T5 40 W 4P Amalgam          | 1   | T5  | C      |
| 4800082AM | VGE - LightTech | T5 80 W 4P Amalgam          | 1   | T5  | C      |
| 3903073   | VGE             | 4P-SE 40 W T5               | 25  | T5  | C      |
| 3903074   | VGE             | 4P-SE 75 W T5               | 25  | T5  | C      |
| F980122   | VGE - LightTech | T5 21 W 4P HO               | 1   | T5  | X      |

## Unit specific lamps

| ITEM. NR. | BRAND                   | MODEL                                 | BOX | TYPE | BASE  |
|-----------|-------------------------|---------------------------------------|-----|------|-------|
| F980065   | VGE - LightTech         | T5 16 W 4P-SE                         | 1   | T5   | G     |
| F980068   | VGE - LightTech         | T5 40 W 4P-SE, length 365mm (short)   | 1   | T5   | F     |
| F980002   | VGE - LightTech         | T5 40 W 4P-SE                         | 1   | T5   | F     |
| F980004   | VGE - LightTech         | T5 75 W 4P-SE                         | 1   | T5   | F     |
| F980078BU | VGE - LightTech         | T5 40 W 4P-SE                         | 1   | T5   | F(bu) |
| F980079BU | VGE - LightTech         | T5 75 W 4P-SE                         | 1   | T5   | G(bu) |
| 4800033   | VGE - LightTech         | T5 75 W 4P-SE Ozone                   | 1   | T5   | H     |
| F980008   | VGE - LightTech         | T6 130 W Amalgam 4P                   | 1   | T6   | M     |
| F980010   | VGE - LightTech         | T5 80 W 4P                            | 1   | T5   | X     |
| F980020   | VGE - LightTech         | T6 140 W Amalgam 4P                   | 1   | T6   | X     |
| F980120   | VGE - LightTech         | T5 21 W 4P                            | 1   | T5   | G     |
| F980122   | VGE - LightTech         | T5 20 W 4P HO                         | 1   | T5   | X     |
| F980124   | VGE - LightTech         | T5 40 W 4P HO                         | 1   | T5   | X     |
| B280002   | Blue Lagoon - LightTech | T5 40 W Ionizer, length 635mm (short) | 1   | T5   | K     |
| B280001   | Blue Lagoon - LightTech | T5 75W Ionizer, length 645mm (short)  | 1   | T5   | K     |

## Models



## VGE UV lamps

Besides the lamps used in Blue Lagoon products, VGE offers different replacement lamps. Below you find the different lamp types that VGE B.V. uses in her products. On the right page you can find an overview of the lamps that can be bought for replacement next to the Blue Lagoon replacement lamps. For the professional market it's also possible to deliver special high quality lamps with a higher wattage. For example lamps of 325 and 400 W. Please contact us by e-mail: [info@vgebv.nl](mailto:info@vgebv.nl) for the actual prices and delivery times.



**PL-S lamps** are compact UV-C (germicidal) lamps used in residential water and air disinfection units. The compact size of the lamp allows for a small system design and design flexibility.



The **Philips Smart Cap** technology is an innovative development for optimal safety! The lamp base and the fitting, that goes into the housing of the lamp, are both provided with a safety switch. As soon as the lamp is taken out of the housing, the power supply is interrupted causing the lamp to switch off.



**PL-L lamps** are compact UV-C (germicidal) lamps used in water and air disinfection units. The compact size of the lamp allows for a small system design and design flexibility.



**T6** are single-sided UV-C (germicidal) lamps that are used in professional water and air disinfection devices. The diameter of the lamp of 19 mm allows a small system design and flexibility in design. T6 lamps offer almost constant UV output over their entire service life for maximum disinfection safety and high system efficiency. The T6 is mainly used in the amalgam version.



**TL Mini lamps** are slim double-ended UV-C (germicidal) lamps used in residential water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility.



**VGE Smart Pin Technology (S.P.T.)** makes it possible to replace the lamp safely, while the system remains filled with water. If the lamp is not turned off during the replacement, it will switch off automatically as soon as it is removed from the socket. Due to the seal between the lamp socket and lamp, the system can be used in situations where IPx4 is required. The high-quality ceramic is an excellent electrical isolator and is resistant to corrosion.



**TL lamps (T8)** are double-ended UV-C (germicidal) lamps used in professional air disinfection units. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.



**T5 lamps** are single ended UV-C (germicidal) lamps used in professional water and air disinfection units. The small 16 mm diameter of the lamp allows for a small system design and design flexibility.

## PL bulbs

| ITEM. NR.   | BRAND   | MODEL                         | BOX | TYPE  | BASE |
|-------------|---------|-------------------------------|-----|-------|------|
| 3903005     | Philips | TUV PL-S 5 W /2P              | 10  | PLS-S | A    |
| 3903009     | Philips | TUV PL-S 7 W /2P              | 10  | PLS-S | A    |
| 3903010     | Philips | TUV PL-S 9 W /2P              | 10  | PLS-S | A    |
| 3903013     | Philips | TUV PL-S 9 W /4P              | 10  | PLS-S | -    |
| 3903020     | Philips | TUV PL-S 11 W /2P             | 25  | PLS-S | A    |
| 3903030     | Philips | TUV PL-L 18 W /4P             | 25  | PL-L  | B    |
| 3903033     | Philips | TUV PL-L 24 W /4P             | 25  | PL-L  | B    |
| 3903040     | Philips | TUV PL-L 36 W /4P             | 1   | PL-L  | B    |
| 3903050     | Philips | TUV PL-L 55 W /4P             | 1   | PL-L  | B    |
| B212012     | Philips | Replacement module 12 W 230 V | 1   | PL-S  | J    |
| B212012 USA | Philips | Replacement module 15 W 120 V | 1   | PL-S  | J    |
| 4600003     | Philips | Replacement lamp Aetaire      | 1   | PL-L  | -    |
| 4610007     | Philips | TUV PL-L 60 W /4P             | 1   | PL-L  | B    |
| 3903095     | Philips | TUV PL-L 95 W /4P             | 1   | PL-L  | B    |

## TL bulbs

| ITEM. NR. | BRAND   | MODEL                 | BOX | TYPE | BASE |
|-----------|---------|-----------------------|-----|------|------|
| 3903557   | Philips | TUV TL-MINI 6 W FAM   | 25  | TL   | I    |
| 3903558   | Philips | TUV TL-MINI 8 W FAM   | 25  | TL   | I    |
| 3903559   | Philips | TUV TL 10W 1SL T8     | 25  | TL   | I    |
| 3903563   | Philips | TUV TL-MINI 11 W FAM  | 25  | TL   | I    |
| 3903560   | Philips | TUV TL 15 W 1SL T8    | 25  | TL   | I    |
| 3903574   | Philips | TUV TL-MINI 16W       | 25  | TL   | I    |
| 3903561   | Philips | TUV TL 25 W 1SL T8    | 25  | TL   | I    |
| 3903564   | Philips | TUV TL 30 W 1SL T8    | 25  | TL   | I    |
| 3903565   | Philips | TUV TL 36 W SLV       | 6   | TL   | I    |
| 3903562   | Philips | TUV TL 55 W 1SL HO T8 | 6   | TL   | I    |
| 3903570   | Philips | TUV TL 75 W HO T8     | 6   | TL   | I    |
| 3903071   | VGE     | TL 30 W T8            | 25  | TL   | I    |
| 3903072   | VGE     | TL 55 W T8            | 25  | TL   | I    |

## Unit specific lamps

| ITEM. NR. | BRAND               | MODEL                                    | BOX | TYPE | BASE |
|-----------|---------------------|--|-----|------|------|
| F980086   | VGE                 | Replacement lamp Delta EA-3H-5 / 35 W    | 50  | T5   | C    |
| F980080   | VGE                 | Replacement lamp Delta EA-3/4H-10 / 45 W | 50  | T5   | C    |
| F980082   | VGE                 | Replacement lamp Delta EA-4/4H-20 / 90 W | 50  | T5   | C    |
| F980084   | VGE                 | Replacement lamp Delta EA-4H-40 / 110 W  | 60  | T5   | C    |
| F980088   | VGE                 | Replacement lamp BIO-UV 10 / 38W         | 50  | T5   | C    |
| F980090   | VGE                 | Replacement lamp BIO-UV 20 / 59W         | 50  | T5   | C    |
| F980092   | VGE                 | Replacement lamp BIO-UV 30 / 87W         | 50  | T5   | C    |
| F980094   | VGE                 | Replacement lamp BIO-UV 40 / 102W        | 60  | T5   | C    |
| F980102   | VGE Pro - LightTech | SPT 140W 867mm                           | 1   | T6   | L    |
| F980103   | VGE Pro - LightTech | SPT 200W 1115mm                          | 1   | T6   | L    |
| F980107   | VGE Pro - LightTech | SPT 40W 389mm                            | 1   | T5   | L    |
| F980108   | VGE Pro - LightTech | SPT 75W 867mm                            | 1   | T5   | L    |
| F980104   | VGE Pro - LightTech | SPT 325W 1588mm                          | 1   | T6   | L    |
| F980112   | VGE Pro - LightTech | SPT 400W 2000mm                          | 1   | T6   | L    |

## Models

