

# VICTORY

## UV

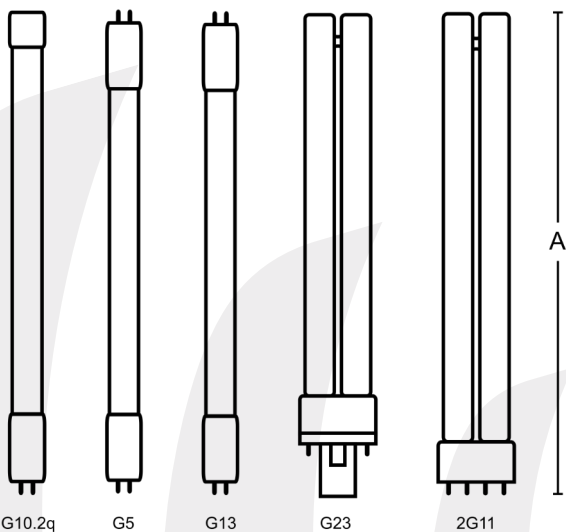
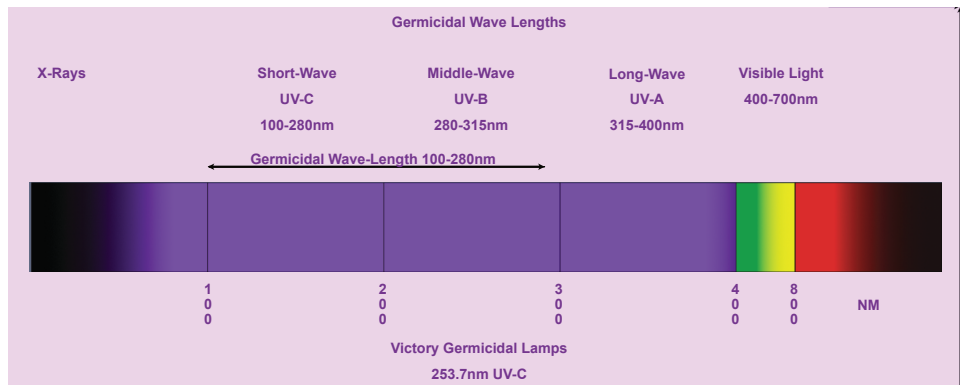
## Germicidal Lamps

Victory Lighting germicidal lamps are highly efficient emitters of ultra-violet (253.7nm) light which has very effective germicidal properties and is being used as part of the drive to combat the current crop of infectious diseases.

Although the science behind germicidal UV has been around for a long time, it hasn't been used until recently. The use of UV systems is growing, which has seen new products entering the market place and these products are suitable for a whole range of industries, not just in hospitals.

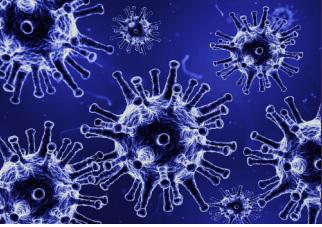
### Efficient, Simple, Germ Control

- Ozone-free quartz
- Hot cathode, pre-heat start
- 8000 hour average lamp life
- Double-ended with G5 or G13 base
- Single ended with G10.2q, 2G11 or G23 base
- G23 has internal starter



### Applications

- Hospitals / Medical Applications
- Leisure & Retail Venues
- Manufacturing Sites
- Gyms
- Blue Light Services
- Public Transport
- Education Facilities
- Hotels
- Transport Hubs
- Industrial Water Treatment
- Offices
- Domestic



# Technical Data

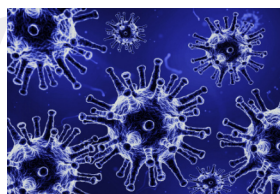
## Germicidal lamps

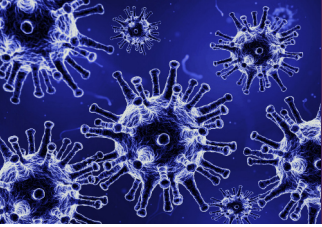
### Aquafine Germicidal Lamps

Victory Ref	Aquafine Ref.	Dia.	Length	Watts	NM	Base	Type
GUV3010	3010	16mm	300mm	8	254	B9	2 Pin Double Ended G5 Metal Base
GUV3011	3011	16mm	287mm	14	254	B4	2 Pin Mini Double Ended
GUV3050	3050	16mm	357mm	16	254	B1	1 Single Pin Double Ended
GUV3052	3052	16mm	357mm	16	185	B1	1 Single Pin Double Ended
GUV3087	3087	16mm	843mm	39	185	B1	1 Single Pin Double Ended
GUV3095	3095	16mm	1554mm	75	185	B1	1 Single Pin Double Ended
GUV3098LM	3098	16mm	1554mm	65	254	B1	1 Single Pin Double Ended
GUV3099	3099	16mm	1554mm	65	254	B1	1 Single Pin Double Ended
GUV16676	16676	16mm	842mm	42	254	B1	1 Single Pin Double Ended
GUV16677	16677	16mm	1554mm	65	254	B1	1 Single Pin Double Ended
GUV16678	16678	16mm	842mm	42	185	B1	1 Single Pin Double Ended
GUV16679	16679	16mm	1554mm	65	185	B1	1 Single Pin Double Ended
GUV CREAM-L	CREAM-L	16mm	1566mm	155	254	B2	2 Pin With A 4 Wing
GUV GOLD-L	GOLD-L	16mm	1566mm	155	254	B2	2 Pin With A 4 Wing
GUV Silver-L	Silver-L	16mm	1566mm	155	185	B2	2 Pin With A 4 Wing
GUV TAN-L	TAN-L	16mm	1566mm	155	254	B2	2 Pin With A 4 Wing

### Hereaus Germicidal Lamps

Victory Ref.	Hereaus Ref.	Dia.	Length	Watts	Type
GUV60/35XL	NNI 60/35 XL	15mm	450mm	60	4 Pin Single Ended
GUV125/84 XL	NNI 125/84 XL	15mm	860mm	120	4 Pin Single Ended
GUV90/53 XL	NNI 90/53 XL	19mm	610mm	90	4 Pin Single Ended
GUV200/107	NNI 200/107	19mm	1145mm	175	4 Pin Single Ended
GUV201/107 XL	NNI 201/107 XL	19mm	1145mm	200	4 Pin Single Ended
GUV300/147 XL	NNI 300/147 XL	19mm	1561mm	300	G10.2q
GUV/100 XL	NNI 300/100 XL	28mm	1000mm	270	4 Pin Single Ended
GUV400/147 XL	NNI 400/147 XL	28mm	1544mm	400	4 Pin Connector





# Technical Data

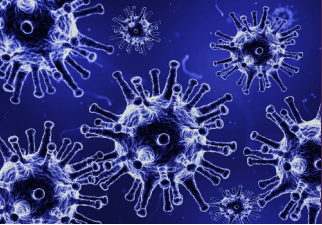
## Germicidal lamps

### Philips Germicidal Lamps

Type	Victory Ref.	Philips Ref.	Ozone Free	Dia.	Length	Watts	Base
TL Mini	GUV4WD	4W G5	Yes	15mm	150mm	4	G5
TL Mini	GUV6WD	6W G5	Yes	15mm	226mm	6	G5
TL Mini	GUV8WD	8W G5	Yes	15mm	303mm	8	G5
TL Mini	GUV10WD	10W G5	Yes	15mm	345mm	10	G5
TL Mini	GUV16WD	16W G5	Yes	16mm	303mm	15	G5
TL Mini	GUV10WS-4P	10W 4P SE	Yes	15mm	212mm	10	G10.2q
TL Mini	GUV11WS-4P	11W 4P SE	Yes	15mm	226mm	11	G10.2q
TL Mini	GUV14WS-4P	14W 4P SE	Yes	15mm	301mm	14	G10.2q
TL Mini	GUV16WS-4P	16W 4P SE	No	15mm	327mm	15	G10.2q
TL Mini	GUV203T5LOF	N/A	Yes	15mm	217mm	10	G10.2q
TL Mini	GUV203T5LO	N/A	No	15mm	217mm	10	G10.2q
TL Mini	GUV436T5LOF	N/A	Yes	15mm	450mm	21	G10.2q
TL Mini	GUV436T5LO	N/A	No	19mm	450mm	21	G10.2q
T8	GUV15WD	15W G13	Yes	19mm	451mm	15	G13
T8	GUV20WD	20W G13	Yes	24mm	603mm	20	G13
T8	GUV30WD	30W G13	Yes	25mm	908mm	30	G13
T8	GUV40WD	40W G13	Yes	25mm	1213mm	40	G13
T8	GUV55WD	55W HO G13	Yes	25mm	908mm	55	G13
PL-L	GUV18WS	18W PL-L 4P	Yes	17mm	217mm	18	2G11
PL-L	GUV24WS	24W PL-L 4P	Yes	17mm	317mm	24	2G11
PL-L	GUV36WS	36W PL-L 4P	Yes	17mm	411mm	36	2G11
PL-L	GUV40WS	40W PL-L 4P	Yes	17mm	533mm	40	2G11
PL-L	GUV55WS	55W PL-L 4P	Yes	17mm	533mm	55	2G11
PL-L	GUV60WS	60W PL-L 4P HO	Yes	17mm	414mm	60	2G11
PL-S	GUV5WS	5W PL-S 2P	Yes	12mm	107mm	5	G23
PL-S	GUV7WS	7W PL-S 2P	Yes	12mm	137mm	7	G23
PL-S	GUV9WS	9W PL-S 2P	Yes	12mm	167mm	9	G23
PL-S	GUV11WS	11W PL-S 2P	Yes	12mm	237mm	11	G23
PL-S	GUV13WS	13W PL-S 2P	Yes	12mm	186mm	13	G23
T5	GUV 36T5 HO 4P SE	36T5 HO 4P SE	Yes	16mm	853mm	75	4 Pin Single Ended
T5	GUV 36T5 HE 4P SE	36T5 HE 4P SE	No	16mm	853mm	40	4 Pin Single Ended
Amalgam XPT System	GUV130WXPT	130W XPT	Yes	19mm	842mm	140	4 Pin Single Ended
Amalgam XPT System	GUV180WXPT	180W XPT	Yes	19mm	1032mm	180	4 Pin Single Ended
Amalgam XPT System	GUV200WXPT	200W XPT	Yes	19mm	1147mm	200	4 Pin Single Ended
Amalgam XPT System	GUV325WXPT	325W XPT	Yes	19mm	1582mm	280	4 Pin Single Ended
Amalgam XPT System	GUV325WXPTH0	325W XPT HO	Yes	19mm	1582mm	325	4 Pin Single Ended
Amalgam XPT System	GUV260WDIMXPT	260W DIM XPT	Yes	32mm	1514mm	235	Double Ended
Amalgam XPT System	GUV330WXPT	330W XPT	Yes	32mm	1554mm	325	Double Ended
Amalgam XPT System	GUV335WXPTSE	335W XPT SE	Yes	32mm	1514mm	300	Double Ended
Amalgam XPT System	GUV335WWPXPTSE	335W WP XPT SE	Yes	32mm	1514mm	300	Double Ended

### Trojan Germicidal Lamps

Victory Ref.	Trojan Ref.	Dia.	Length	Watts	Base	Type
GUV302317	302317	15mm	1554mm	130	B12	2 Pin Dielectric Single Ended
GUV302417	302417	15mm	843mm	41	B12	2 Pin Dielectric Single Ended
GUV302418	302418	15mm	1554mm	75	B12	2 Pin Dielectric Single Ended
GUV302509	302509	19mm	1564mm	256	B22	4 Pin Step Single Ended Amalgam
GUV600080 / UV6410	600080 / UV6410	15mm	1554mm	75	B1	1 Pin Single Ended
GUV602805	602805	15mm	389mm	40	B29	4 Pin Single Ended Large Round With Barriers
GUV602806	602806	15mm	631mm	68	B29	4 Pin Single Ended Large Round With Barriers
GUV602807	602807	15mm	986mm	103	B29	4 Pin Single Ended Large Round With Barriers
GUV793010	793010	19mm	1002mm	170	B22	4 Pin Step Single Ended Amalgam
GUV793923	793923	19mm	1002mm	170	B22	4 Pin Step Single Ended Amalgam
GUV794113	794113	19mm	672mm	98	B22	4 Pin Step Single Ended Amalgam
GUV794447-0GN	794447-0GN	19mm	1564mm	256	B22	4 Pin Step Single Ended Amalgam
GUV794447-0YW	794447-0YW	19mm	1554mm	285	B39	4 Pin Single Ended Thin Barrier With Key
GUVUV3614	UV3614	15mm	843mm	41	B12	2 Pin Dielectric Single Ended



# Technical Data

## Germicidal lamps

### Wedeco Germicidal Lamps

Victory Ref.	Wedeco Ref.	Tube Dia	Length	Watts	Type
GUVELR30	Ecoray ELR30	32mm	1515mm	330	4 Pin Single Ended
GUVELR30-1	Ecoray ELR30-1	32mm	1515mm	330	4 Pin Single Ended
GUVSLR32143	Ecoray SLR32143	32mm	1515mm	270	4 Pin Single Ended
GUVNLR1520	NLR1520	15mm	265mm	15	4 Pin Single Ended
GUVREXO120W	REX HO 120W	19mm	1150mm	120	4 Pin Single Ended
GUVSLR2048	SLR2048	19mm	550mm	110	4 Pin Single Ended
GUVSLR25100	SLR25100	25mm	1070mm	270	Bi-Pin With Crimp Base
GUVSLR25113	SLR25113	25mm	1200mm	190	2 Pin Abbreviated Double Ended (B13)
GUVSLR25113V	SLR25113V	25mm	1200mm	190	2 Pin Abbreviated Double Ended (B13)
GUVSLR2581	SLR2581	25mm	880mm	135	2 Pin Abbreviated Double Ended (B13)
GUVSLR2581V	SLR2581V	25mm	880mm	135	2 Pin Abbreviated Double Ended (B13)
GUVSLR32143	SLR32143	32mm	1515mm	260	4 Pin Single Ended
GUVSLR32143HP	SLR32143HP	32mm	1515mm	320	4 Pin Single Ended
GUVWLR30	WLR30	32mm	1515mm	320	4 Pin Single Ended
GUVXLR5	XLR5	19mm	518mm	45	4 Pin Connector With Wires Single Ended
GUVXLR10	XLR10	19mm	872mm	80	4 Pin Connector With Wires Single Ended
GUVXLR20	XLR20	25mm	985mm	170	4 Pin Connector With Wires Single Ended
GUVXLR30	XLR30	32mm	1515mm	320	4 Pin Connector With Wires Single Ended

### Victory Lighting Custom Lamps

Victory Ref.	Ozone Free	Tube Dia.	Length	Watts	Base	Type
GUV203T5LOF	Yes	15mm	217mm	10	G10.2q	4 Pin UV Germicidal Single Ended
GUV203T5LO	No	15mm	217mm	10	G10.2q	4 Pin UV Germicidal Single Ended
GUV10212G5VHOF	Yes	15mm	212mm	10	G5	2 Pin UV Germicidal Double Ended
GUV10212G5VHO	No	15mm	212mm	10	G5	2 Pin UV Germicidal Double Ended
GUV120055G10OF	Yes	15mm	1207mm	55	G10.2q	4 Pin UV Germicidal Single Ended
GUV120055G100	No	15mm	1207mm	55	G10.2q	4 Pin UV Germicidal Single Ended

### Amalgam Germicidal Lamps

An amalgam lamp is a special type of ultraviolet germicidal lamp that allows for higher UVC output and a larger temperature range in which the lamp remains operational through a technology that regulates the mercury vapour pressure in the lamp.

Unlike standard lamps the mercury is not left free within the lamp, but is fixed to gold amalgam spots along the axis of the quartz tube. Optimal mercury vapour pressure is maintained within an amalgam lamp by this amalgam spot which absorbs and releases mercury in the lamp as the temperature of the lamp fluctuates.

Since the mercury vapour pressure remains constant, the ultraviolet output also remains constant, this way an amalgam lamp is unaffected by changing ambient air or water temperatures and its ultraviolet output remains stable over a large temperature range.

Victory Ref.	Tube Dia	Overall Length	Watts	UV Output @ 254nm Watts
GUV15-357 42	15mm	357mm	42	110
GUV15-843 110	15mm	843mm	110	320
GUV15-1000 127	15mm	1000mm	127	370
GUV15-1554 190	15mm	1554mm	190	500
GUV19-357 57	19mm	357mm	57	130
GUV19-357 65	19mm	357mm	65	140
GUV19-843 127	19mm	843mm	127	400
GUV19-843 172	19mm	843mm	172	490
GUV19-1000 150	19mm	1000mm	150	460
GUV19-1000 207	19mm	1000mm	207	570
GUV19-1554 240	19mm	1554mm	240	630
GUV19-1554 320	19mm	1554mm	320	750

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