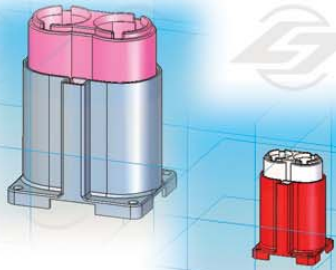
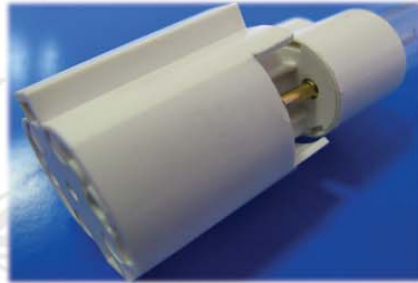


Other Specialities

Proprietary Bases and Sockets

LightTech and LightSources manufacture top of the line bases for all kinds of germicidal lamps. Base materials such as ceramic, plastic and metal-ceramic hybrid combinations are available upon request. Custom designed germicidal lamp bases are available in a wide variety of pin locations, steps, unique contours, and lead-wire configurations.



Safety

Safety has big priority at our companies. We don't want our products to cause any harm, that is why we offer special safety sockets. These special sockets ensure the safety of the regular household user, by not allowing to make the mistake of using a UVC lamp in a universal lamp socket.

Quartz Sleeves

As an addition to our lamps, we offer a variety of quartz sleeves. Quartz sleeves are of tremendous benefit in that they provide protection for lamps without sacrificing efficiency. Sleeves protect against such common problems as breakage, leakage, temperature fluctuations, and environmental hazards. They are an investment worth making.



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LightTech[®]



LightSources[®]

COMPACT



ONE

Original New Equipment

Welcome to the world of compact lamps, where space is not an issue.

What is Compact?

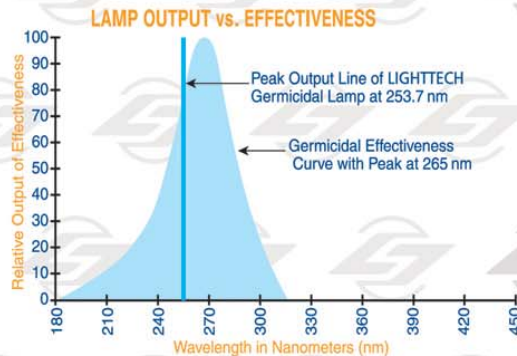
"Having all the necessary components or features neatly fitted into a **small space**."



Our companies offer a superb line of UVC emitting Compact lamps. The specialty of these lamps is that they are small and indeed compact, so they can be built in applications with limited space. We offer all the standard lamp sizes, and we can fulfill any request for special custom sized lamps.

Why UV?

UV radiation in the 200 - 300 nanometer range is **extremely effective in killing microorganisms** such as airborne and surface bacteria, viruses, yeasts etc... LightSources and LightTech low pressure mercury discharge germicidal lamps are specially designed to produce the highest amounts of UV radiation typically about 90% of the total rated energy at 253.7 nm.



What can I use it for?

UVC * lamps have many applications. They are one of the most effective, safest and simplest methods for disinfection, that can be used in:

**AIR and WATER
PURIFICATION
FOOD INDUSTRY**

* UVA & UVB versions available upon request.

Compact Lamps

These lamps are available in a specially engineered two-tube linear design. Although small and simple, we have a wide range of possibilities. We offer all the standard lamp sizes, and at the same time we can custom design, develop and manufacture.

LightSources and Lighttech are companies who are unique in their production processes. Share your plans and visions with us, we will do our best to fulfill them and provide you with the best 254 nm ozone free and/or 185 nm ozone generating lamps.



Glass - the uniqueness goes on...

Compact lamps are available in both Soft Glass and Quartz Glass design, manufactured from the best materials. We have our own glass factory, which gives us countless opportunities and options.

UVC Compact Lamps	Tube Diameter	Base configuration	BF - EOL (max)	Power	Current	Voltage	UV Output at 254 nm		Rated Life
	mm		mm	W	mA	V	$\mu\text{W}/\text{cm}^2$	W	H
Soft Glass Low Pressure									
LTC5W/G23	12.5	G23	83	5	180	34	9	1	8000
LTC7W/G23	12.5	G23	115	7	175	47	16	1.8	8000
LTC9W/G23/2G7	12.5	G23 / 2G7	145	9	170	60	22	2.4	8000
LTC11W/G23	12.5	G23	214	11	160	89	33	3.6	8000
LTC13W/G23	12.5	GX23	155.2	13	290	59	31	3.4	8000
LTC - CUSTOMISED	special	special	special				special		

UVC Compact Lamps	Tube Diameter	Base configuration	BF - EOL	Power	Current	Voltage	UV Output at 254 nm		Rated Life
	mm		mm	W	mA	V	$\mu\text{W}/\text{cm}^2$	W	H
Soft Glass High Power									
LTC18W/2G11	17.5	2G11	225	18	370	60	51	5.5	8000
LTC24W/2G11	17.5	2G11	320	24	350	87	65	7	8000
LTC35WHO/2G11	17.5	2G11	225	35	850	40	105	11	8000
LTC36W/2G11	17.5	2G11	415	36	440	105	110	12	8000
LTC55W/2G11	17.5	2G11	535	55	540	103	156	17	8000
LTC60WHO/2G11	17.5	2G11	415	60	670	120	169	18	8000
LTC95W/2G11	17.5	2G11	535	95	950	100	304	32	8000
LTC - CUSTOMISED	special	special	special				special		

UVC Compact Lamps	Tube Diameter	Base configuration	BF - EOL	Power	Current	Voltage	UV Output at 254 nm		Rated Life
	mm		mm	W	mA	V	$\mu\text{W}/\text{cm}^2$	W	H
Quartz Glass High Power									
LTCQ35WHO/2G11	15	2G11	215	36	800	45	110	11	9000
LTCQ36W/2G11	15	2G11	415	36	440	105	119	13	9000
LTCQ55W/2G11	15	2G11	535	55	540	103	168	18	9000
LTCQ60W/2G11	15	2G11	415	60	670	118	179	19	9000
LTCQ95W/2G11	15	2G11	535	95	950	100	328	34	9000
LTCQ - CUSTOMISED	special	special	special				special		