

# PerkinElmer Pre-Heat Germicidal Lamps



## Description

Low Pressure Germicidal/Ozone lamps emit the majority of their energy at 253.7 nm and 185 nm. These UV wavelengths are most effective for the destruction of bacteria, virus, spores, many chemical bonds and ozone generations. PerkinElmer makes lamps to fit most of the common UV systems in the field today used for: wastewater disinfection, air disinfection, TOC reduction, Ozone generation, ground water remediation, and many other applications where the energy at 254 nm or 185 nm is required.

PerkinElmer lamps are available in lengths from 5 ½ inches to over 72 inches long (base face to base face). Lamp length is typically referred to as the length from the outside of one base to the outside of the other base (base face to base face), not including the pins.

Preheat lamps require a starting device to ignite and often operate directly off of the available line voltage. Unless otherwise noted, Preheat lamps have a Mini Bi-pin base.

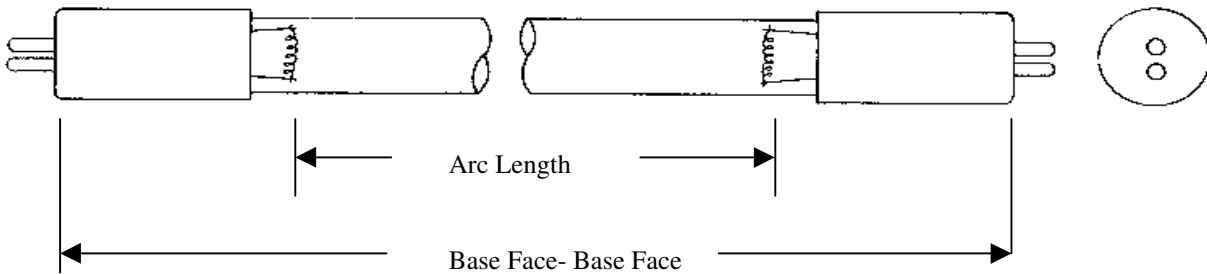
PerkinElmer can also provide the proper power supply (ballast) to operate these lamps at peak efficiency and performance, and Quartz Sleeves

## Features

- High Quality Quartz Bodies
- Ceramic Bases
- Numerous Base configurations
- Ozone producing and Ozone free lamp
- Lengths from 135mm – 2000mm
- Fast starting and stabilization time



LAMP DESCRIPTION	Type	BF-BF	Arc Length	Wattage	Op. mA	Op. Volts
GPH212T5VH/CB	O	212	130.7	10	400	32
GPH212T5L/	OF	212	130.7	10	400	32
GPH287T5L/CB	OF	287	205.7	14	400	42
GPH287T5VH/CB	O	287	205.7	14	400	42
GPH357T5L/CB	OF	356.6	275.3	16	400	52
GPH357T5VH/CB	O	356.6	275.3	16	400	52
GPH436T5L/CB	OF	436	354.7	20	400	66
GPH436T5VH/CB	O	436	354.7	20	400	66
GPH463T5L/CB	OF	463	381.7	22	400	70.4
GPH463T5VH/CB	O	463	381.7	22	400	70.4
GPH793T5L/CB	O	793	711.7	35	400	105
GPH793T5VH/CB	O	793	711.7	35	400	105
GPH36T6L/CB	OF	842.4	761	40	400	120
GPH36T6VH/CB	O	842.4	761	40	400	120



#### Recommended Power Supplies:

PN#	Desc.
80100	GPH 287-120V
80101	GPH 287-230V
80102	GPH 793-120V
80103	GPH 793-230V
80508	GPH287 120/230V
80511	GPH793 120/230V

**All the ballasts listed above are available in plug in versions**

For more information e-mail us at [opto@perkinelmer.com](mailto:opto@perkinelmer.com) or visit our website at [optoelectronics.perkinelmer.com](http://optoelectronics.perkinelmer.com)  
All values are nominal; specification subject to change without notice.

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