



## “POINTOLITE” LAMPS

ONE of the most important applications of the “Pointolite” Lamp is in connection with photo-micrographic outfits where it is used as a light source. For this service the “Pointolite” is peculiarly well adapted because it gives an intensely brilliant and remarkably white light from a very small source. Also the light is perfectly steady—giving an evenly distributed field of illumination—and, after starting, it requires no attention whatever.

The 100 c. p. “Pointolite” Lamp is mostly used for this work; and while it is not as bright as a carbon arc and therefore may require a slightly longer exposure of the negative, it usually proves *faster in the long run* because it requires no adjusting and gives no trouble. Such is the experience of many who use it.

“Pointolite” Lamps are used also with microscopes, reflecting galvanometers, oscillographs and optical instruments,—as well as for special photographic and projection work. In fact, they are useful wherever a highly concentrated, steady source of white light is needed.

For D. C. circuits “Pointolite” Lamps of 30, 100, 500, and 1000 candle power are available, while for alternating current we have a 150 c. p. lamp. Special Control Boxes for starting and operating the lamps are available for each of the above sizes. These include a socket for the lamp, switching mechanism, attachment plug, etc., ready for use. The illustration above shows a 100 c. p. direct current “Pointolite” Lamp with stand, adjustable lamp holder and reflector, and a Universal Control Box.

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800.	30 c. p. “Pointolite” Lamp for use with reflecting galvanometer .....	\$12.00
805.	Control Box for 30 c. p. Lamp, for 100, 110, 120, 200, 220 or 240 volts (state voltage required) .....	28.80
810.	100 c. p. “Pointolite” Lamp, 3-inch bulb .....	12.00
815.	Universal Control Box for 100 c. p. Lamp, for 100, 110, 120, 220 and 240 volts.	40.00
820.	500 c. p. “Pointolite” Lamp, 4-inch bulb .....	20.00
825.	Control Box for 500 c. p. Lamp, for 100, 110 and 120 volts .....	76.00
860.	150 c. p. Alternating Current “Pointolite” Lamp .....	12.00
865.	Universal Control Box for 150 c. p. A. C. Lamp, for 100, 110, 120, 220 and 240 volts .....	44.00

The above prices are net f. o. b. Philadelphia

### JAMES G. BIDDLE

SCIENTIFIC INSTRUMENTS

1211-13 ARCH STREET, PHILADELPHIA

“POINTOLITE” LAMPS      SIEMENS & HALSKE PRECISION INSTRUMENTS      OSCILLOGRAPHS      GALVANOMETERS  
 DIRECT READING OHMMETERS      “MEGGER” TESTING SETS      LABORATORY POTENTIOMETERS  
 MERCURY CONDENSATION HIGH-VACUUM PUMPS AND OIL-SEALED ROTARY VACUUM PUMPS  
 LABORATORY AND WORKSHOP RHEOSTATS      SPEED-MEASURING INSTRUMENTS      STANDARDS OF RESISTANCE