

HG + Philips® Capsule Electrode

Neon Products and Eurocom proudly introduce the

HG + Philips® Capsule Electrode

a joint development of the NE+ Neon Products Gruppe and Philips Lighting of Eindhoven, the Netherlands. Applying decades of research in the lamp industry, this new electrode is equipped with a Philips capsule containing no more than 19 Mg of liquid mercury per capsule.

Break-Through Technology

The HG + Philips® Capsule Electrode is a revolution in Electrode Technology:

- Elimination of liquid mercury from the Neon Shop. No more mercury spills (and poisoned vapor), which means a cleaner and healthier working environment.
- No more “shaking” of the finished tube to distribute the liquid mercury and possible “overhead breakage”
- No more pumps contaminated with mercury. Thus reducing pump maintenance and mercury vapor emission from exhaust
- 80% reduction of the amount of mercury needed to run the tube. International standards for the lamp industry are being met. Therefore less burden to the environment.
- Productivity boost: Save up to 5 minutes per tube by eliminating the making and filling of mercury traps, double tip-offs and shaking of liquid mercury through the tubes
- Quality improvement: The mercury contained in the Philips® capsule is guaranteed to be 99.999% clean. Since it is being released only after the tube is finished, no contamination can affect it. This puts an end to the well known problems of darkening, staining, mercury spots and early failures.

Euro-Brite Electrodes



Electrodes



Part Number	Rated Current	Maximum Operating current
ELH25RB(P)60 10MM	25	20
ELH30RB(P)60 12mm	30	24
ELH50RB(P)65 12mm	50	40
ELH30RB(P)60 13mm	30	24
ELH50RB(P)65 13MM	50	40
ELH45RB(P)65 15mm	45	36
ELH80RB(P)70 15mm	80	64
ELH120RB(P)75 18mm	120	96
ELH150RB(P)80 18mm	150	120
ELH250RB(P)95 18mm	250	200

Bombarder w/ 1-000 mA heating current required for processing!



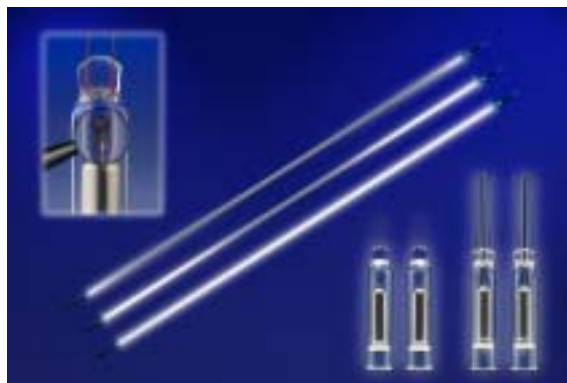
Euro-Brite Electrodes



As easy as pumping "Red":

Processing a tube with the HG+ Philips® Capsule Electrode is as easy as pumping a red (Neon) unit: The liquid mercury is sealed within the Philips® capsule and will not leak or break during the pumping process following the ***Eurocom Pumping procedures***. Only after the tube is completely finished and ready ready for burn-in will the Philips® capsule be opened by the RF generator.

Once both electrodes are opened, the tube can be burned in just like any other tube and will come up to full brightness in no more than 25 minutes.



Technical Data HG + Philips Mercury Capsule Electrode

Amount of Mercury per capsule ..	19 mg +/- 1 g
Purity of Mercury	99.99 %
Max C to seal capsule	400C
Max C to open capsule	750C
Dimensions	4.53" x 4.53" x 2.6"

* Bombarder w/ 1000 mA heating current required for processing !!