

# Mercury Lamps

## Catalogue Nos.

H.P. 80W. 3 pin BC cap .....	57235B/00
H.P. 80W. ES cap .....	57235E/00
H.P. 125W. 3 pin BC cap .....	57236B/00
H.P. 125W. ES cap .....	57236E/00
HP/T. 250W. GES cap .....	57130G/00
HP/T. 400W. GES cap .....	57131G/00
HP/T. 1000W. GES cap .....	57213G/00
HP/T. 2000W. GES cap .....	57214G/00

## Bulb Type:

H.P.—Clear pear-shaped.  
HP/T. Clear tubular hard glass outer.

**Spectrum:** Lines—continuous.

**Colour Quality:** Bluish white.

## Nominal Lumens<sup>1</sup>:

80W. ....	3100
125W. ....	5400
250W. ....	11500
400W. ....	20500
1000W. ....	52000
2000W. ....	114000

## Luminous Efficiency<sup>2</sup>:

80W. ....	38.7 L/W
125W. ....	43.2 L/W
250W. ....	46 L/W
400W. ....	51.2 L/W
1000W. ....	52 L/W
2000W. ....	57 L/W

## Starting Period:

(to 80% full brilliance.)

80W. ....	3.5 mins.
125W. ....	1.5 mins.
250-2000W. ....	4 mins.

## Life<sup>3</sup>:

9000 hours (HP/T 2000W.—2000 hours.)

## Light Depreciation:

(after 5000 hours.)

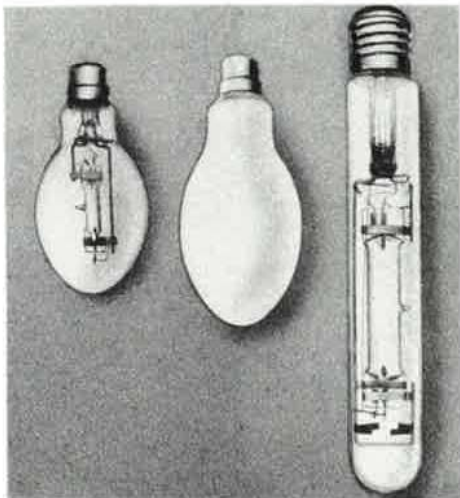
80-125W. ....	18%
250-400W. ....	14%
1000W. ....	18%
2000W. ....	10% (after 2000 hours.)

**Burning Position:** All positions.

## Footnotes:

1. After 100 burning hours.
2. Excluding control gear losses.
3. Based on 5 hours' burning per switching.

## TYPE HP



## APPLICATIONS:

1. Streetlighting.
2. Floodlighting.
3. General factory lighting.
4. Inspection of polished surfaces.
5. Egg testing.
6. Microscopic examination.

*Note: To be used where colour rendering is not important.*

## CONTROL GEAR

Lamp Type	Choke Type	Mains	O/Length	Width	Height	Capacitor O.8 P.F.
HP. 80W.	FP. 1300	230/250V 50 c/s	5½"	4.1/16"	3.7/16"	8 mfd
HP. 125W.	FP. 1306	230/250V "	5½"	4.1/16"	3.7/16"	8 mfd
HP. 250W.	FP. 1310	230/250V "	5½"	4½"	4.1/16"	15 mfd
HP. 400W.	FP. 1316	230/250V "	5½"	5½"	4½"	20 mfd
HP. 1000W.	FP. 1327	230/250V "	8½"	7.5/16"	6½"	40 mfd
HP. 2000W.	—	—	—	—	—	—

## LAMP DIMENSIONS

Wattage	O/All Length	Diameter	Light Centre
80W.	152 mm ± 4	70 mm ± 1	98 mm ± 3
125W.	172 mm ± 5	75 mm ± 1	111 mm ± 3
250W.	250 mm ± 7	46 mm ± 1	158 mm ± 4
400W.	305 mm ± 8	46 mm ± 1	193 mm ± 5
1000W.	372 mm ± 10	65 mm ± 1	240 mm ± 8
2000W.	455 mm ± 12	82 mm ± 1	290 mm ± 8