

Discharge lamps

Mercury lamps Type MB

Description

High pressure mercury vapour discharge operating in a quartz arc tube. 80 and 125w sizes have elliptical pearl bulbs, 250 and 400w ratings have clear tubular hard glass bulbs.

Application

MB lamps have been largely superseded for industrial and streetlighting by MBF °Kolorlux because of the higher light output and improved colour. MB lamps are still used for general illumination where colour is not important but are also used where the typical characteristics of mercury spectral power distribution are advantageous, e.g. for graphic arts, laboratory and scientific purposes, plant growth, floodlighting.

Control Gear

Choke and power factor correction capacitor required. See page CF10.

Burning Position

Universal—lamps may be operated in any position.

Percentage Luminance in spectral bands (400w MB)

Band	Waveband (nm)	Colour	% Luminance
1	380-420	Far Violet	0.02
2	420-440	Violet	0.61
3	440-460	Blue	0.18
4	460-510	Blue Green	0.83
5	510-560	Green	47.7
6	560-610	Yellow	49.7
7	610-660	Light Red	0.84
8	660-760	Dark Red	0.07

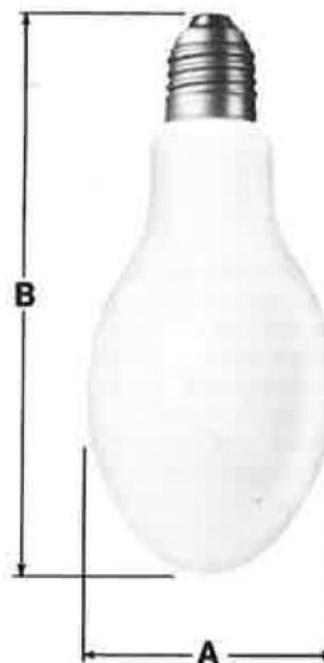
Watts	Net Trade Price			Std. Pack	Cap	Lighting Design Lumens
	£	s.	d.			
80	1	17	6	24	ES*	2,720
125	2	3	9	24	ES*	4,900
250	3	0	0	12	GES	11,000
400	4	0	0	12	GES	18,800

These lamps are not subject to Purchase Tax.
*3 pin B.C. cap also available.

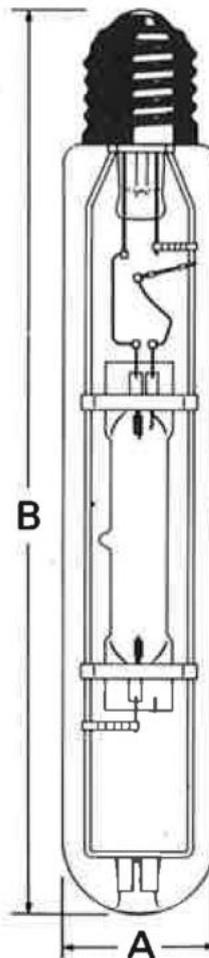
Supply voltage 200/250v.

Rated Life 7,500 hours.

Further information: See pages CF9 and CF10



	A (mm)	B (mm)
80w.	70±1	150±4
125w.	91 max.	183 max.



	A (mm)	B (mm)
250w.	51±1	290±8
400w.	51±1	330±8