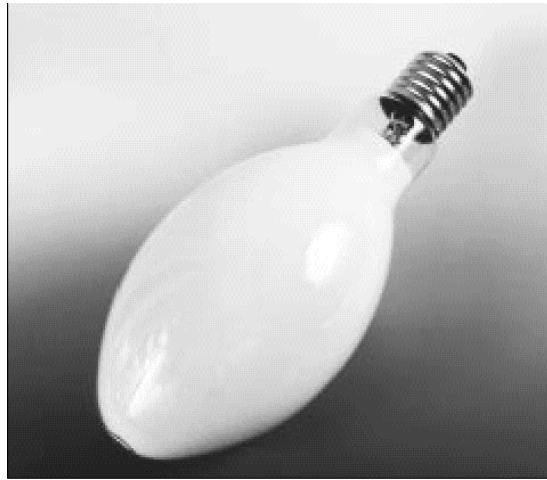


Mixed Light Lamps

160W, 250W, 500W



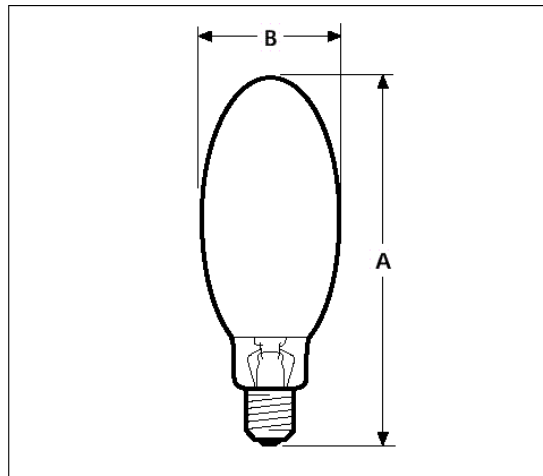
Applications

Low running costs, long life, compact size, and a white light make the Mixed Light Lamp suitable for a wide range of applications where economy is of prime consideration, but where some differentiation of colours is needed.

- Car parks
- Area floodlighting
- Road lighting
- Warehousing
- Industrial units

Compliance with IEC Standards

All Mixed Light Lamps comply with IEC62035.

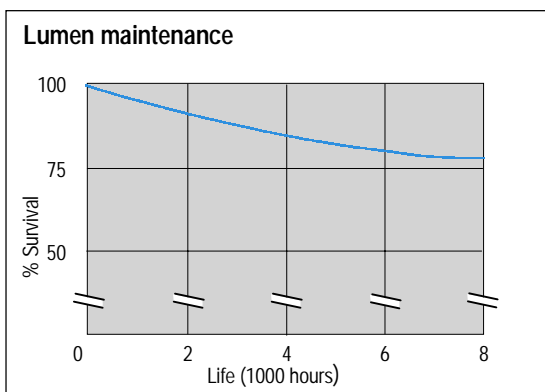
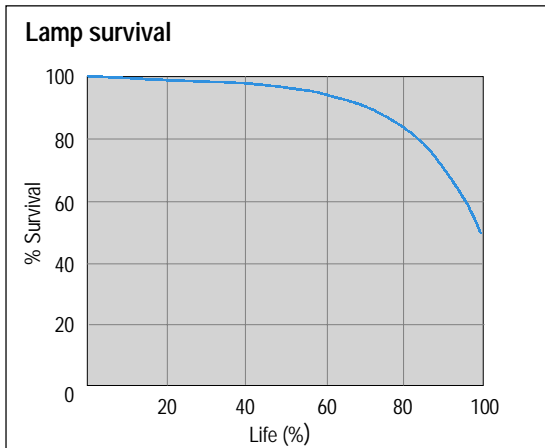


Physical Data

Watts	A Length (mm)	B Diameter (mm)	Cap	Bulb Glass	Mass (g)	Operating Position
Mixed Light						
160	175	76	E27	Soft	70	Vertical + 30°
160	175	76	B22d-2	Soft	72	Vertical + 30°
250	227	90	E27	Soft	87	Universal
250	227	90	E40	Soft	106	Universal
500	290	120	E40	Hard	242	Universal

Lamp Survival and Lumen Maintenance

For Mixed light lamps the rated average life is 8.000h. The graph shows the survival of representative groups of lamps operated under controlled conditions at 10 hrs/start. Lamp life in service will be affected by a number of parameters, such as mains voltage deviations, switching cycle and luminaire design. The information given is intended to be a practical guide in determining lamp replacement schedules.



Electrical Data

Data are based on a nominal lamp operating at nominal supply voltage.

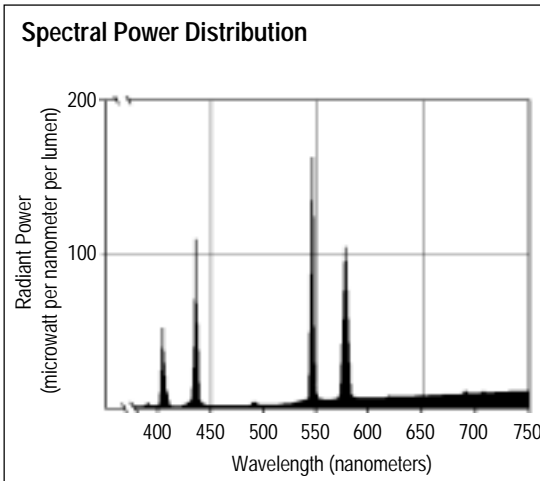
Lamp Data

Watts	Volts (V)	Current (A)	Power (W)
160	220-230	0.76	160
160	230-240	0.73	160
160	240-250	0.70	160
250	220-230	1.18	250
250	230-240	1.17	250
250	240-250	1.08	250
500	230-240	2.35	500

Photometric Data

Watts	100 Hr. Lumens	Colour Temp. (K)
160	3000	3940
250	5500	4200
500	12500	5100

Photometric data is quoted for the lamp in a vertical orientation, operating at rated supply volts



Lamp Operating Temperature Limits

Wattage	Max. Cap Temperature	Max. Bulb Temperature
160W:	150°C	300°C
250W:	190°C	390°C
500W:	210°C	400°C

Control Gear

Mixed light lamps must be operated directly from alternating current supply without a ballast. The line voltage should correspond to the one indicated on the bulb and on its package.

Run-Up Characteristics

Time for the light output to reach 90% of the final value is 4 minutes to nominal value.

Hot Re-strike Time

All ratings re-strike within 3-4 minutes following a short interruption in the supply.

Cap material / Finishing

- E27 - Brass / Nickel Plated
- E40 - Brass / Nickel Plated
- B22d-2 - Aluminium