



**LIGHT SOURCE CHARACTERISTICS AND PERFORMANCE**

Light output (initial lumen):	65,000
Mean horizontal candle power (initial cd.):	6,800
Centre arc luminance (cd. per sq. cm.):	35,000
Average luminance of brightest circle of 2mm. dia. (cd. per sq. cm.):	90,000
Average luminance of brightest circle of 4mm. dia. (cd. per sq. cm.):	48,000
Average objective life (hours):	1500

For operation on 200/250v 50Hz  
 Rectifier/ballast unit. Cat No.  
 G 53237.  
 100 amp. Starter unit Cat. No.  
 G 53233.

**CONTROL GEAR**

For operation on 65v dc. (min.)  
 Resistor to limit current to  
 80 amps (supplied by installer).  
 100 amp. Starter unit.  
 Cat No. G 53233.

**TYPICAL SPECTRAL POWER DISTRIBUTION DATA FOR A 2KW ELECTRODE XENON LAMP**

SPECTRAL BAND nm	SPECTRAL POWER WATTS
250-280	8.4
280-310	9.3
310-340	12.5
340-370	17.8
370-400	22.5
400-430	26.0
430-460	28.1
460-490	33.9
490-520	28.5
520-550	27.4
550-580	29.2
580-610	29.0
610-640	28.7
640-670	26.3
670-700	27.6
700-730	27.9
730-760	30.8
760-790	27.9
790-820	35.0
820-850	68.3
850-880	35.5
880-910	77.0
910-940	56.9
940-970	47.0
970-1000	52.5

Note: The above figures are accurate to 10% in the visible and I.R. regions but may be up to 25% in error in the ultra-violet.

**TYPICAL SPECTRAL POWER DISTRIBUTION OF COMPACT SOURCE XENON LAMP**

