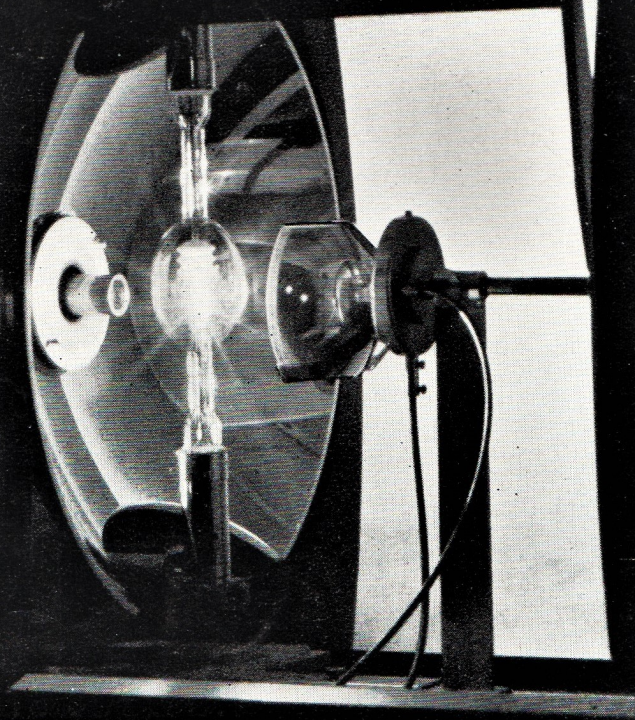


The NEW XBO 1600W

GAUMONT-KALEE **XENON** **LANTERN**



In the above illustration the auxiliary mirror has been moved to show the Xenon bulb

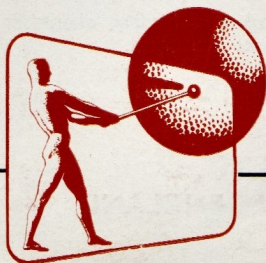
INCREASED LIGHT OUTPUT

Up to 50% above Xenon lamps of similar rating, operating under equal lens conditions. High brightness and luminous efficiency obtained by vertical burning lamp charged with xenon gas.

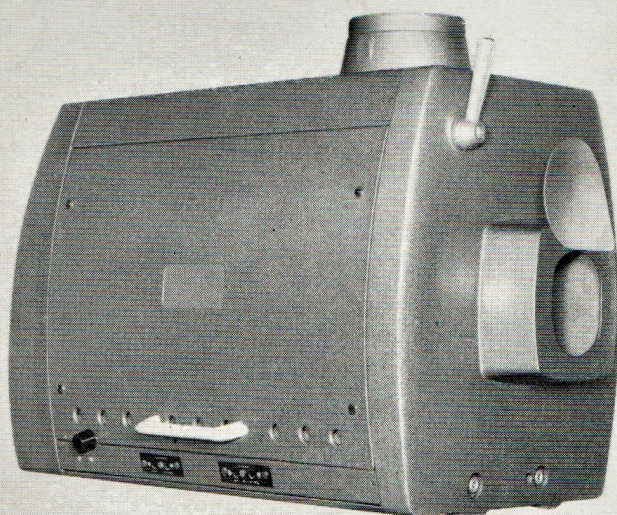
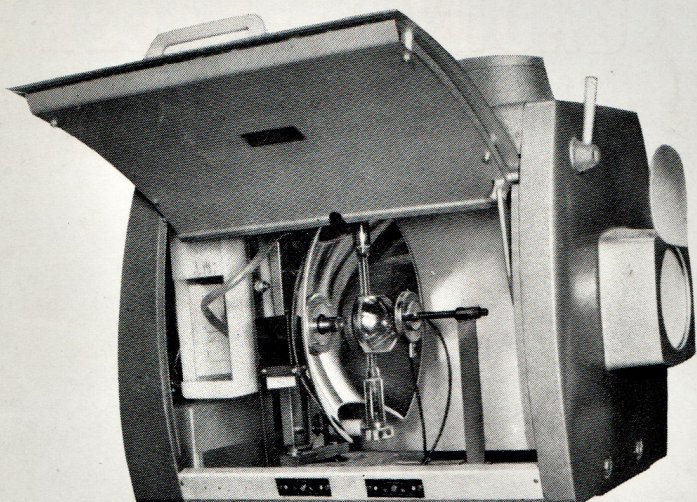
LONGER

LAMP LIFE

Minimum life expectant of 1500 hours, dependent upon operating conditions, is greatly exceeded in many practical installations. Lamp covered by guarantee up to 1000 hours. Replacement allowance calculated on basis of 1500 hours life.



GAUMONT-KALEE XENON LANTERN



OPERATING DATA

Lamp Designation	XBO 1600W
Supply Voltage	70V D.C., minimum
Operating Voltage	26V

				Initial Values	Max. Values
Current	Amps	...	...	45-63	75
Power Consumption	W (at 63 amps)	...	...	1600	—

LAMP DATA

Luminous Flux	lm	...	...	56000	75000
Light Intensity	cd	...	...	5800	7700
Average Brightness	cd/cm	...	...	43000	57000
Size of arc	mm.	...	...	2.1 × 4.2	
Width × Height	in.	...	...	.082 × .165	
Life rating	...	...	...	1500 hours	

CONSTANT COLOUR TEMPERATURE

Light colour constant over full current range and supply voltage. Spectral distribution makes it ideal for colour, and black and white films.

MAXIMUM UTILISATION OF LIGHT

Specially designed high efficiency optical system employing a 14" (356mm.) diameter ellipsoidal mirror and a small auxiliary mirror takes full advantage of the high light output from the vertical burning lamp.

CONSTANT STEADY LIGHT

No attention or adjustments required during operation. Ideal for use in conjunction with automation, and large capacity spools.

AUTOMATIC & INSTANTANEOUS STARTING

Self-contained starting unit—push-button operation.

NEGLIGIBLE MAINTENANCE

No fumes or ash, only occasional dusting of mirrors required.

For preview and small theatre requirements, lamps of lower rating, XBO450W and XBO900W, are available for use in the Gaumont-Kalee Lantern.

Illustrations must not be taken as binding, alterations are made as occasion arises.



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