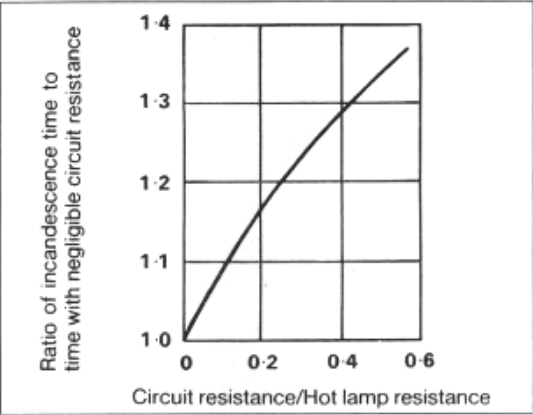


INCANDESCENCE PERIOD OF ELECTRIC LAMPS

When calculating the effective intensity of a rhythmic electric light eclipsed by opening the circuit of a filament lamp, the light duration to be used is the period during which the circuit is closed, less the time taken for the filament to reach 90% of full intensity. Nigrescence is assumed to be instantaneous at extreme range. The allowance can be read directly from the graph below when the circuit has negligible resistance compared with the resistance of the hot filament. Otherwise, this allowance should be multiplied by a factor obtainable from the small graph on the right.

EFFECT OF CIRCUIT RESISTANCE ON INCANDESCENCE OF FILAMENT LAMPS



TIME OF INCANDESCENCE OF FILAMENT LAMPS

